



RIVIAN AUTOMOTIVE, LLC

Application for Certification – Part 1 (Partial Carryover)

2027 Model Year

EPA Manufacturer Code: RIV
Test Group: VRIVT00.0193

Durability Group: N.A.
Evaporative Family: N.A.

Test Group Description:	Battery Electric Vehicle
Applicable Standards:	U.S. EPA: Tier 4 Bin 0 MDPV CA: ZEV MDPV
Carlines Covered:	Rivian R1T Performance (22in) Rivian R1S Performance (22in) Rivian R1T Performance (20in) Rivian R1S Performance (20in) Rivian R1T Performance (20in AT) Rivian R1S Performance (20in AT)
Document Date:	05/22/2026

For Questions, Contact:
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14600 Myford Road
Irvine, CA 92606

Ms. Hannah Frame
Compliance and Innovative Strategies Division
Office of Mobile Sources
Environmental Protection Agency
2000 Traverwood, Ann Arbor, MI 48105

Subject: MY 2027 Rivian Medium-Duty Vehicle Initial Application for issuance of Certificate of Conformity for Test Group VRIVT00.0193.

Rivian believes that all vehicles within this test group comply with all applicable regulations within Code of Federal Regulations Title 40 Parts 85, 86, 600, and California Code of Regulations Title 13 Division 3, Chapter 1, article 2, Sections 1963 Advanced Clean Trucks (ACT). This test group's certification pathway is ACT.

Vehicle Category:	Medium Duty Passenger Vehicle (8532 lbs. GVW)
Test Group:	VRIVT00.0193
Evaporative Family:	N/A
Federal Standard:	Tier 4 Bin 0
California Standard:	ZEV MDPV

Test Group Description:

1 - 1 Battery Pack
9 - 9 Module
3 - Ascent Tri Motor

Vehicles Covered by this certificate:

- Rivian R1T Performance (22in)
- Rivian R1S Performance (22in)
- Rivian R1T Performance (20in)
- Rivian R1S Performance (20in)
- Rivian R1T Performance (20in AT)
- Rivian R1S Performance (20in AT)

Your early review and issuance of the certificate will be greatly appreciated. If you have any questions, please email me at sepzaker@rivian.com or my phone number available on CDX.

Sepehr Zakeresfahani
Director, Homologation


05/28/2026





14600 Myford Road
Irvine, CA 92606

Ms. Hannah Frame
Compliance and Innovative Strategies Division
Office of Mobile Sources
Environmental Protection Agency
2000 Traverwood, Ann Arbor, MI 48105

Subject: MY 2027 Rivian Medium-Duty Vehicle OBD letter for issuance of Certificate of Conformity for Test Group VRIVT00.0193.

Rivian is a manufacturer of Battery Electric Vehicle, including R1T and R1S. Battery Electric Vehicles are exempt from OBD II requirements.

Vehicle Category:	Medium Duty Passenger Vehicle (8532 lbs. GVW)
Test Group:	VRIVT00.0193
Evaporative Family:	N/A
Federal Standard:	Tier 4 Bin 0
California Standard:	ZEV MDPV

Test Group Description:

1 - 1 Battery Pack
9 - 9 Module
3 - Ascent Tri Motor

Vehicles Covered by this certificate:

- Rivian R1T Performance (22in)
- Rivian R1S Performance (22in)
- Rivian R1T Performance (20in)
- Rivian R1S Performance (20in)
- Rivian R1T Performance (20in AT)
- Rivian R1S Performance (20in AT)

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Ms. Hannah Frame
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Office of Mobile Sources
Environmental Protection Agency
2000 Traverwood, Ann Arbor, MI 48105

Subject: MY 2027 Rivian Medium-Duty Vehicle Durability letter for issuance of Certificate of Conformity for Test Group VRIVT00.0193.

Rivian is a manufacturer of Battery Electric Vehicle, including R1T and R1S. Battery Electric Vehicles (no tailpipe emissions) are exempt from emissions equipment durability requirements.

Vehicle Category:	Medium Duty Passenger Vehicle (8532 lbs. GVW)
Test Group:	VRIVT00.0193
Evaporative Family:	N/A
Federal Standard:	Tier 4 Bin 0
California Standard:	ZEV MDPV

Test Group Description:

1 - 1 Battery Pack
9 - 9 Module
3 - Ascent Tri Motor

Vehicles Covered by this certificate:

- Rivian R1T Performance (22in)
- Rivian R1S Performance (22in)
- Rivian R1T Performance (20in)
- Rivian R1S Performance (20in)
- Rivian R1T Performance (20in AT)
- Rivian R1S Performance (20in AT)

Your early review and issuance of the certificate will be greatly appreciated. If you have any questions, please email me at sepzaker@rivian.com or my phone number available on CDX.

Sepehr Zakeresfahani
Director, Homologation

 05/28/2026





14600 Myford Road
Irvine, CA 92606

Mr. Richard Uyehara
Emissions Certification and Compliance Division (ECCD)
Air Resources Board
4001 Iowa Ave, Riverside, CA 92507

Subject: MY 2027 Rivian Medium-Duty Vehicles Initial Application for issuance of an Executive Order for Test Group VRIVT00.0193.

Rivian believes that all vehicles within this test group comply with all applicable regulations within Code of Federal Regulations Title 40 Parts 85, 86, 600, and California Code of Regulations Title 13 Division 3, Chapter 1, article 2, Sections 1963 Advanced Clean Trucks (ACT). This test group's certification pathway is ACT.

Vehicle Category:	Medium Duty Passenger Vehicle (8532 lbs. GVW)
Test Group:	VRIVT00.0193
Evaporative Family:	N/A
Federal Standard:	Tier 4 Bin 0
California Standard:	ZEV MDPV

Test Group Description:

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Vehicles Covered by this certificate:

- Rivian R1T Performance (22in)
- Rivian R1S Performance (22in)
- Rivian R1T Performance (20in)
- Rivian R1S Performance (20in)
- Rivian R1T Performance (20in AT)
- Rivian R1S Performance (20in AT)

Your early review and issuance of the certificate will be greatly appreciated. If you have any questions, please email me at sepzaker@rivian.com or my phone number available on DMS.

Sepehr Zakeresfahani
Director, Homologation

 05/28/2026



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01.00.00 Communications

01.01.00 Mailing Information

Rivian Automotive, LLC
14600 Myford Road
Irvine, CA 92606
Attention: Sepehr Zakeresfahani

01.01.01 Certification Information

Rivian Automotive, LLC
14600 Myford Road
Irvine, CA 92606

01.01.02 Responsible official

Primary Contact:
Director, Homologation
sepzaker@rivian.com
14600 Myford Road
Irvine, CA 92606

02.00.00 Confidential Information

02.01.00 Statement of confidentiality

02.02.00 Test vehicle selection

02.03.00 Projected annual model-year sales

03.00.00 Facilities, equipment, and test procedures

03.01.00 (Reserved)

03.02.00 Battery pre-conditioning procedures (if necessary)

03.03.00 Configurations and Sub configurations

Program	A [lbf]	B [lbf/mph]	C [lbf/mph ²]	Curb Weight [lbs]	LVW [lbs]	Test Weight [lbs]	GVWR [lbs]	Tire Size
RIS Performance (22in)								
Conserve	45.62	0.2727	0.02222	6812	7112	7,000	8,532	275/50R22
All Purpose	46.02	0.1417	0.02689	6812	7112	7,000	8,532	275/50R22
RIT Performance (22in)								
Conserve	50.73	-0.01494	0.02473	6791	7091	7,000	8,532	275/50R22
All Purpose	50.99	-0.03820	0.02484	6791	7091	7,000	8,532	275/50R22
RIS Performance (20in AT)								
Conserve	53.38	0.4042	0.02364	6951	7251	7,500	8,532	275/65R20
All Purpose	53.23	0.4740	0.02089	6951	7251	7,500	8,532	275/65R20
RIT Performance (20in AT)								
Conserve	57.27	0.5062	0.02077	6952	7252	7,500	8,532	275/65R20
All Purpose	57.34	0.4310	0.02406	6952	7252	7,500	8,532	275/65R20

03.04.00 Test Procedures

03.04.01 Range Test Procedures

03.04.02 Description of Coastdown

03.05.00 Special Test Instructions

Vehicle Setup:

Bleyer rigid bar fixation system. Front bar fixed to the front tow hook, and rear bar fixed to the tow hitch receiver.





Instrumentation:

Battery voltage and current measurement were taken using a HBM Gen4TB power analyzer and Hioki CT684X-05 current clamps.

- Clamps installed to minimize number of measured current channels.
- Current clamp sizes determined by maximum combined circuit current.



Front/Rear Drive Units – 500A



eAC/eCH & OBC/DCDC/DCAC– 200A



Above: Hioki CT684X-05 current clamp and HBM Gen4TB power analyzer

AC Level 2 240 V/ 48 A (11.5 kW) charger was used for charging.

03.05.00 Statement of Compliance

Every vehicle which is covered by this application conforms to US EPA Federal Tier 4 Bin 0 regulations applicable to new Medium-Duty Vehicles and state of California ZEV regulations applicable to new Medium-Duty Vehicles for the 2027 Model Year.

04.00.00 (Reserved)

05.00.00 (Reserved)

06.00.00 Maintenance

06.01.00 Test vehicle scheduled maintenance

06.02.00 Recommended customer maintenance schedule

Maintenance schedule can be found in the Rivian owner's guide. It is available at <https://rivian.com/support/support-documents>

06.03.00 Lubricants and heater fuels if any

Transmission Oil:

BOT 350 M3 transmission fluid for dry electric drive units.

Typical Characteristics:

Test	Method	Units	
SAE Grade		-	75W
Density @ 15C, Relative	ASTM D1298	g/ml	0.852
Appearance Visual		-	clear
Viscosity, Kinematic 100°C	ASTM D445	mm²/s	6.3
Viscosity, Kinematic 40°C	ASTM D445	mm²/s	32
Viscosity Index		-	154
Viscosity, Brookfield @ -40°C	ASTM D2983	mPa.s (cP)	10000
Pour Point	ASTM D97	°C	-51
Flash Point, COC	ASTM D92	°C	226

Coolant: L228

Performance of L228 According to ASTM D3306

Table 1 – ASTM D3306 Results

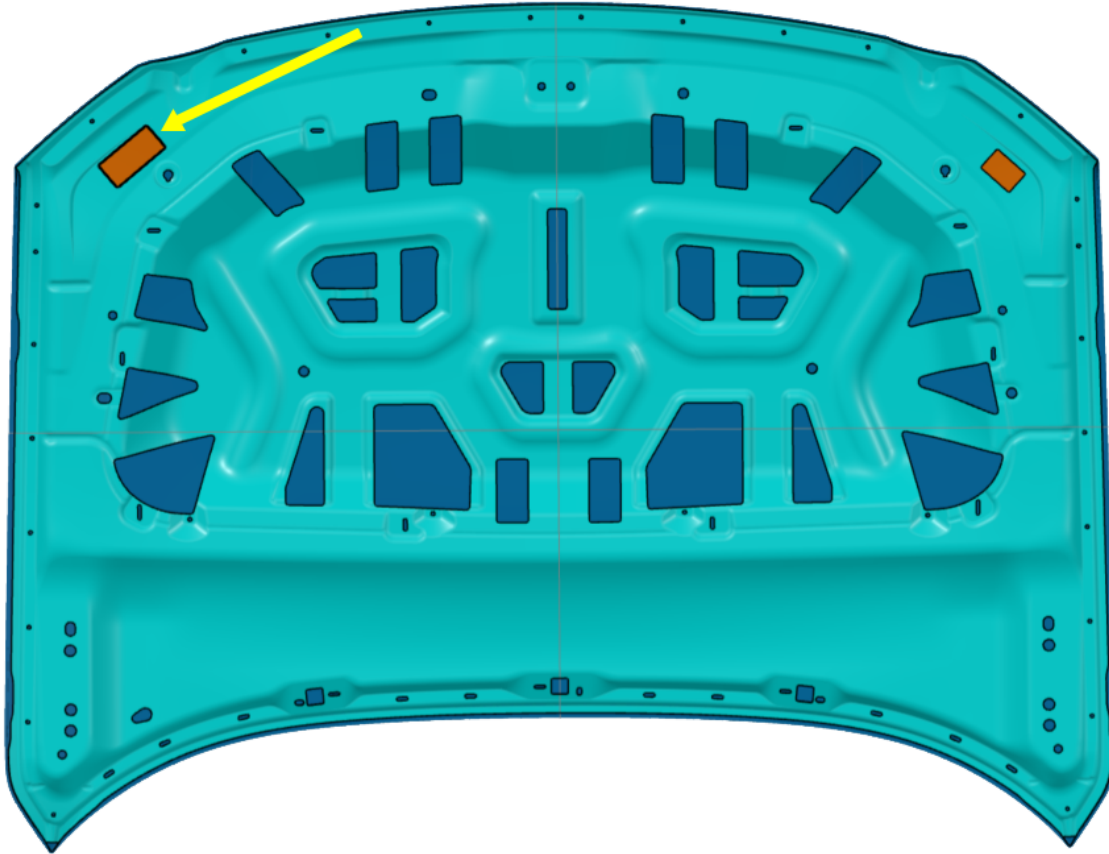
Item		ASTM D3306 Type I	CCI L288
Color		Distinctive	Yellow
Relative Density 15.5/15.5°C		1.110 ~ 1.145	1.128
Freezing Point °C	50 vol% in DI water	-36.4 max.	-37
Boiling Point °C	50 vol% in DI water	108 min.	109
Ash content mass%		5 max.	1.7
pH	50 vol% in DI water	7.5 ~ 11.0	7.6
Chloride μg/g		25 max.	<25
Water mass%		5 max.	3.8
Reserve Alkalinity mL		Report	8.0
Effect on Automotive Finish		No Effect	Pass
Corrosion in Glassware	Weight Loss ⁽¹⁾ mg/Specimen	Copper	10 max.
		Solder	30 max.
		Brass	10 max.
		Steel	10 max.
		Cast Iron	10 max.
		Aluminum	30 max.
Simulated Service Test	Weight Loss ⁽¹⁾ mg/Specimen	Copper	20 max.
		Solder	60 max.
		Brass	20 max.
		Steel	20 max.
		Cast Iron	20 max.
		Aluminum	60 max.
Corrosion of Cast Aluminum Alloys at Heat-Rejecting Surfaces mg/cm ² /week		1.0 max.	0.1
Foaming	Volume mL	150 max.	20
	Break Time s	5 max.	3
Cavitation-Erosion Rating for pitting, cavitation, and erosion of the water pump		8 min.	9

Note (1): A plus sign designates weight gain.

07.00.00 Vehicle Emission Control Information (VECI) and Environmental

07.01.00 VECI Label locations

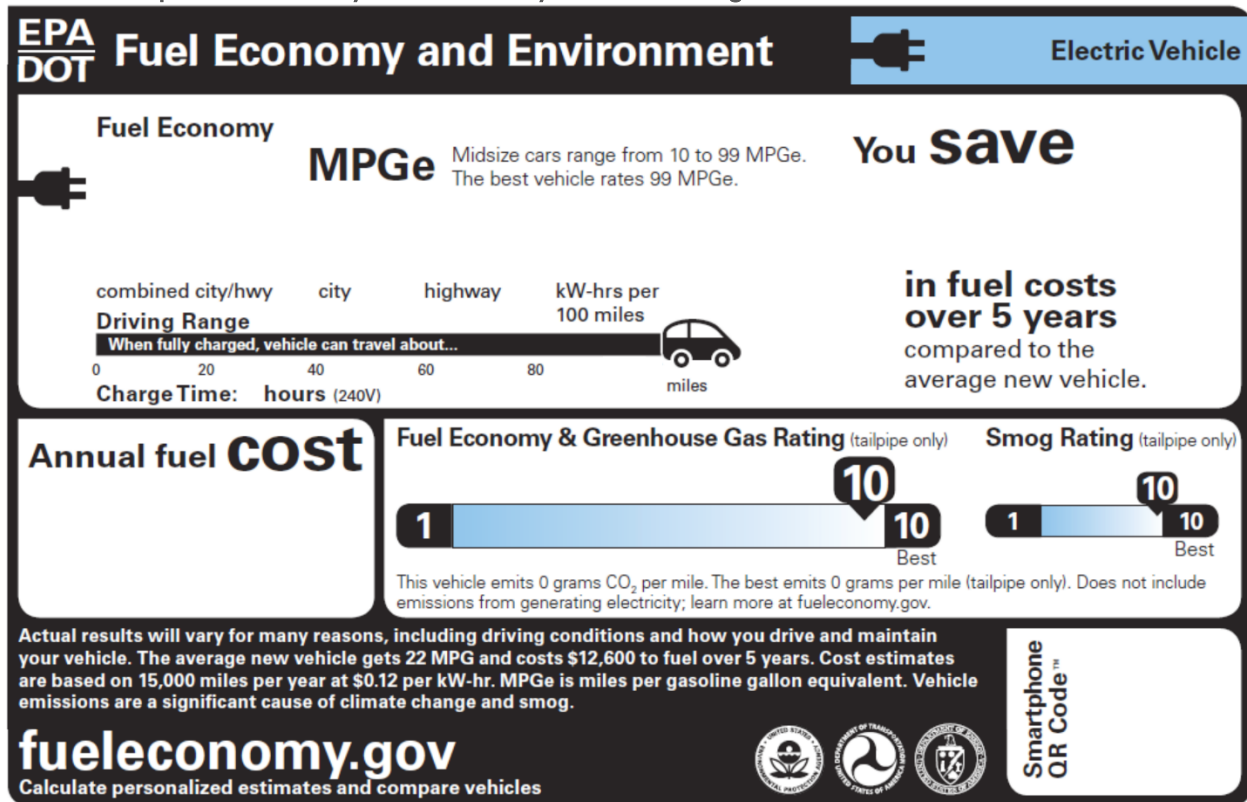
Under-hood, passenger-side, near front of the vehicle.



07.02.00 Sample VECI labels (MY2027 Sample Label):



07.03.00 Sample Fuel Economy Label (Formerly called the Smog Index label)



07.04.00 Statement of compliance

Every vehicle which is covered by this application conforms to US EPA Federal Tier 4 Bin 0 regulations applicable to new Medium Duty Passenger Vehicles and state of California ZEV regulations applicable to new Medium-Duty Vehicles for the 2027 Model Year.

07.05.00 Sample Battery Specification Label

08.00.00 General technical description
08.01.00 Description of Propulsion System

08.01.01 Description of Vehicle Architecture

08.01.02 Description of Drive Unit Architecture

08.01.03 Description of Motor(s)

08.01.04 Description of Gearbox(s)

08.01.05 Description of Inverter(s)

08.01.06 Description of Drivetrain(s)

08.03.00 Description of Batteries

08.03.01 Battery charging capacity

08.03.02 Self-discharge information

Rivian estimates the average self-discharge rate of the battery is less than 4% per month.

08.03.03 Description of thermal management system

08.03.04 Definition of end-of-life

See section 08.03.05 for information on reuse strategy.

08.03.05 Description of battery disposal plan

Safe battery removal and discharge by Rivian service is recommended. Rivian service will determine which battery components meet standards for reuse. Rivian prioritizes the remanufacture of battery components into equivalent vehicle parts, then consumption in 2nd life applications. For components which do not meet the necessary standards, Rivian approved partners will transport, break down and recycle all materials used within the battery.

Rivian is pursuing UL 1973 certification of vehicle battery modules to enable their reuse for 2nd life grid storage applications. Rivian also plans to develop a process to evaluate the suitability of modules from field returned packs for reuse for grid storage applications in line with UL 1974 (Standard for Evaluation for Repurposing Batteries).

If a facility other than one approved by Rivian intends to dispose of the HV Battery or components, the vehicle owner and/or facility assume the responsibility to comply with any local or federal standards that may apply. A certificate from the recycler should be obtained as proof the materials were properly and legally disposed of.

08.04.00 Description of Controller/Inverter

See Section 08.01.05

08.05.00 Description of Transmission

See Section 08.01.04

08.06.00 Description of climate control system

- Rivian's climate control is a Dual Zone system with Automatic Temperature control.
- HVAC predominantly includes Defrost mode, Panel mode, and Floor mode (or any combination of these three).
- The vehicle could be remotely conditioned to a comfortable climate setpoint using a Mobile Application.
- The system consists of four electronically controlled face vent to direct airflow around passengers.
- The recirculation door is independently controlled by the passengers.
- Auto humidity control.
- Auto/manual blower fan control.

08.06.01 Electric Heat Pump

08.06.02 (Reserved)

08.06.03 Climate control system logic

HVAC software has multiple modes which can be selected based on user preference:

- In Manual Mode, the user has complete control on blower speed, temperature, and airflow distribution to face or feet. Recirculation of air is also manually controlled by the user.
- In Auto mode, the software provides adequate heating and cooling requests to control the breathing temperature of both driver and passenger to the requested setpoint. In this mode, the airflow distribution and the blower speeds are automatically selected to maintain the desired temperature from the screen. The software estimates the breathing temperature of individual passenger based on airflow through ducts, In-Cabin sensors, external ambient temperature sensors, and solar load sensors. Recirculation of air inside the cabin is automatically selected based on humidity level inside the cabin.
- Additionally, defrost or demist mode is provided to the user for a clear view while driving. During defog mode, the software supplies conditioned air towards the windshield based on the dew point calculation. If the desired mode is Defrost, the heat pump blows hot air towards the windshield to clear frost.

08.06.04 (Reserved)

08.07.00 Description of Regenerative Braking System

08.07.01 Control logic

08.07.02 Percentage of braking performed on road by each axle

08.07.03 Overlap of friction brakes and regenerative braking

08.08.00 Description of charger

AC Adapter Specifications

Specification	Description
Product part number	PT01472026
Product type	J1772 AC Adapter for NACS vehicles
Compatibility	J1772 AC chargers
Rate voltage	250V

Use the J1772 AC adapter with J1772 AC L2 chargers only. Don't attempt to use the adapter with a DC fast charger.

08.08.01 Proper recharging procedures

Detailed instructions can be found in the owner's guide.

08.08.02 Power requirements necessary to recharge vehicle

The Rivian R1T and R1S complies with industry standard NACS for AC Level 1 (120 VAC) and AC Level 2 (240 VAC) charging.

See section 08.08.00 for power adapters.

AC Level 1 charging requires a conventional 110-120 Volt AC grounded outlet capable of the rating of the EVSE to be used. A portable EVSE cord set that is capable of AC Level 1 charging is included with the vehicle.

AC Level 2 charging requires a 220-240 Volt AC outlet capable of the rating of the EVSE to be used.

08.09.00 Accessories which draw energy from the batteries

08.10.00 Other unique features (e.g. solar panels)

N/A

08.11.00 Description of warning system(s) for maintenance / malfunction

The Rivian vehicles communicate maintenance and malfunction needs to the driver through easy-to-read and timely notifications. If issues do occur, the notification system uses a combination of telltales, texts, and visuals to explain the situation. Our notifications are simple to understand, communicate when the vehicle needs service, and alerts customer if an issue arises. The customer leaves the experience feeling confident

knowing the system explains the proper actions to take. Any notifications that appear in the driver's instrument cluster retire to the center display so the driver can recall still relevant notifications later.

The Rivian R1S and R1T provide warning tell-tale lights on the driver's display for minor and major defects. A message and audible tone may also be provided for some major defects. Detailed descriptions of the warnings can be found in the owner's guide.

08.11.01 Cut off terminal voltages for prevention of battery damage

Battery management control system is programmed to prevent a state of under-voltage or over-voltage per the voltage limits defined by Rivian. Contactor opens and DTCs are set when voltage of the battery is below 315 V (264.6V if cell temperature is below 5°C) or above 459 V.

09.00.00 (Reserved)

10.00.00 (Reserved)

11.00.00 Starting and shifting schedules

12.00.00 (Reserved)
13.00.00 (Reserved)
14.00.00 (Reserved)
15.00.00 (Reserved)
16.00.00 (Reserved)
17.00.00 California requirements

17.01.00 Statement of compliance

Every vehicle which is covered by this application conforms to US EPA Federal Tier 4 Bin 0 regulations applicable to new Medium Duty Passenger Vehicles and state of California ZEV regulations applicable to new Medium-Duty Vehicles for the 2027 Model Year.

17.01.01 General statement

Rivian confirms that the production vehicles covered by this application will be substantially the same as the vehicles tested for the purposes of this application.

17.01.02 Drivability statement

As of 01/01/2006, This statement is no longer included in the California Exhaust Emission Standards and Test Procedures.

17.02.00 Supplemental Data and Certification Review Sheets

See end of document for ZEV Supplemental Sheets

17.03.00 (Reserved)

17.04.00 Credits

17.04.01 Description of multi-manufacturer arrangements

N/A

17.04.02 Credit calculation

17.05.00 Vehicle Safety

The Rivian architecture comprises a body attached to a skateboard frame structure. The primary structure encompasses engineered crush zones used to, in case of crash, absorb the crash energy. The “safety cage” comprises of body pillars, side impact bars, floor sills and roof rails (working with other structural elements) and with an advanced optimized restraint system to help properly restrain and protect occupants.

17.05.01 All information for safe operation of vehicle

See sections 03.04.00, 03.05.00, and 11.00.00.

17.05.02 Information on safe handling of battery system

17.05.03 Description of emergency procedures

Test Results:

R1S Performance (22in) - Conserve

EPA EV Multicycle Calculator (SAE J1634 Oct 2012)

Manufacturer: RIVIAN

Carline: R1S

Model Year 2025

Vehicle R1S 351X 22" Range

Test Number

Comments: CONSERVE

D.Good

March 8, 2016

Test Date 6/21/2024

Cycle	Energy (Wh)	Distance (mi)	ECdc_cyc	Kuwt	Kwt	Recharge AC WattHrs
UDDS1	2003.34	7.463	268.43	67.11	3.85	163410.30
UDDS2	1776.33	7.465	237.95	59.49	78.18	
UDDS3	1719.92	7.432	231.43	57.86	76.04	
UDDS4	1723.82	7.442	231.63	57.91	76.10	
HWY1	2829.76	10.260	275.80	137.90		
HWY2	2700.00	10.230	263.94	131.97		
SS1	111777.76	332.187	336.49			
SS2	15104.62	44.487	339.53			
TOTAL	139635.55	426.966				

K-Factors	UDDS1	UDDS2	UDDS3	UDDS4	HWY1	HWY2
Unweighted	0.250	0.250	0.250	0.250	0.500	0.500
Weighted	0.014	0.329	0.329	0.329	NA	NA

Results	Range (mi)	AC Wh/mi	MPGe	kWh/100mi	EPA version kWh/100mi
UDDSu	576.15	283.62			
UDDSw	596.30	274.04	122.9933	27.4039	27.40393
HWY	517.42	315.82	106.7220	31.5821	31.58205

MCT Results	whdc/mi	mi/kwhdc	mi/kwhac
UDDS	234.1691	4.2704	3.6491
HFEDS	269.8714	3.7055	3.1664

R1S Performance (22in) – All-Purpose

EPA EV Multicycle Calculator (SAE J1634 Oct 2012)

Manufacturer: RIVIAN

Carline: R1S

Model Year: 2025

Vehicle: R1S 351X 22" Range

Test Number

Comments: ALL PURPOSE

D.Good

March 8, 2016

Test Date: 7/11/2024

Cycle	Energy (Wh)	Distance (mi)	ECdc_cyc	Kuwt	Kwt
UDDS1	2335.09	7.433	314.13	78.53	5.25
UDDS2	2099.79	7.438	282.29	70.57	92.52
UDDS3	1973.75	7.448	264.99	66.25	86.85
UDDS4	1993.89	7.453	267.52	66.88	87.68
HWY1	3369.80	10.243	329.00	164.50	
HWY2	3135.57	10.256	305.74	152.87	
SS1	114604.44	294.089	389.69		
SS2	10085.58	24.632	409.44		
TOTAL	139597.89	368.994			

Recharge
AC WattHrs

163748.79

K-Factors	UDDS1	UDDS2	UDDS3	UDDS4	HWY1	HWY2
Unweighted	0.250	0.250	0.250	0.250	0.500	0.500
Weighted	0.017	0.328	0.328	0.328	NA	NA

Results	Range (mi)	AC Wh/mi	MPGe	kWh/100mi
UDDSu	494.62	331.06		
UDDSw	512.64	319.42	105.5194	31.9420
HWY	439.86	372.27	90.5386	37.2272

EPA version

kWh/100mi

31.94201

37.22723

MCT Results	whdc/mi	mi/kwhdc	mi/kwhac
UDDS	272.310	3.672	3.131
HFEDS	317.367	3.151	2.686

R1T Performance (20in AT) - Conserve

EPA EV Multicycle Calculator (SAE J1634 Oct 2012)

Manufacturer: RIVIAN
Carline: R1T
Model Year: 2025
Vehicle: R1T 358X 20" AT
Test Number:
Comments: CONSERVE

D.Good March 8, 2016

Test Date 6/30/2024

Cycle	Energy (Wh)	Distance (mi)	ECdc_cyc	Kuwt	Kwt	Recharge AC WattHrs
UDDS1	2304.65	7.460	308.93	77.23	5.09	163302.80
UDDS2	2059.18	7.452	276.33	69.08	90.59	
UDDS3	1976.82	7.416	266.56	66.64	87.39	
UDDS4	2007.24	7.419	270.55	67.64	88.70	
HWY1	3203.55	10.262	312.18	156.09		
HWY2	3122.42	10.251	304.60	152.30		
SS1	110963.19	293.127	378.55			
SS2	14285.56	37.366	382.31			
TOTAL	139922.61	380.753				

K-Factors	UDDS1	UDDS2	UDDS3	UDDS4	HWY1	HWY2
Unweighted	0.250	0.250	0.250	0.250	0.500	0.500
Weighted	0.016	0.328	0.328	0.328	NA	NA

Results	Range (mi)	AC Wh/mi	MPGe	kWh/100mi
UDDSu	498.67	327.48		
UDDSw	514.86	317.18	106.2644	31.7180
HWY	453.73	359.92	93.6469	35.9916

EPA version
kWh/100mi
31.71805
35.99157

MCT Results	whdc/mi	mi/kwhdc	mi/kwhac
UDDS	271.769	3.680	3.153
HFEDS	308.386	3.243	2.778

R1T Performance (20in AT) – All-Purpose

EPA EV Multicycle Calculator (SAE J1634 Oct 2012)

Manufacturer: RIVIAN

Carline: R1T

Model Year 2025

Vehicle R1T 358X 20" AT

Test Number

Comments: ALL PURPOSE

D.Good

March 8, 2016

Test Date 7/3/2024

Cycle	Energy (Wh)	Distance (mi)	ECdc_cyc	Kuwgt	Kwgt	Recharge AC WattHrs
UDDS1	2672.62	7.463	358.12	89.53	6.87	163443.20
UDDS2	2388.47	7.458	320.26	80.06	104.70	
UDDS3	2285.36	7.382	309.59	77.40	101.22	
UDDS4	2278.74	7.396	308.10	77.03	100.73	
HWY1	3787.81	10.261	369.15	184.57		
HWY2	3528.15	10.193	346.13	173.07		
SS1	113225.04	261.853	432.40			
SS2	9134.19	20.257	450.92			
TOTAL	139300.38	332.263				

K-Factors	UDDS1	UDDS2	UDDS3	UDDS4	HWY1	HWY2
Unweighted	0.250	0.250	0.250	0.250	0.500	0.500
Weighted	0.019	0.327	0.327	0.327	NA	NA

Results	Range (mi)	AC Wh/mi	MPGe	kWh/100mi	EPA version kWh/100mi
UDDSu	429.92	380.17			
UDDSw	444.31	367.86	91.6248	36.7859	36.78588
HWY	389.50	419.62	80.3217	41.9625	41.96248

MCT Results	whdc/mi	mi/kwhdc	mi/kwhac
UDDS	313.521	3.190	2.718
HFEDS	357.640	2.796	2.383

R1S Performance (20in) – All-Purpose

EPA EV Multicycle Calculator (SAE J1634 Oct 2012)

Manufacturer: RIVIAN

Carline: R1S

Model Year 2027

Vehicle R1T 351X 20" ADV

Test Number

Comments: ALL PURPOSE

D.Good

March 8, 2016

Test Date

Cycle	Energy (Wh)	Distance (mi)	ECdc_cyc	Kuwt	Kwt	Recharge AC WattHrs
UDDS1	2838.33	7.460	380.47	95.12	7.79	163168.520
UDDS2	2349.13	7.458	314.98	78.75	102.85	
UDDS3	2213.85	7.445	297.36	74.34	97.09	
UDDS4	2206.01	7.442	296.43	74.11	96.79	
HWY1	3673.58	10.233	358.99	179.50		
HWY2	3439.07	10.259	335.22	167.61		
SS1	108086.30	255.753	422.62			
SS2	13903.43	31.187	445.81			
TOTAL	138709.7	337.237				

K-Factors	UDDS1	UDDS2	UDDS3	UDDS4	HWY1	HWY2
Unweighted	0.250	0.250	0.250	0.250	0.500	0.500
Weighted	0.020	0.327	0.327	0.327	NA	NA

Results	Range (mi)	AC Wh/mi	MPGe	kWh/100mi	EPA version kWh/100mi
UDDSu	430.36	379.14			
UDDSw	455.52	358.20	94.0943	35.8204	35.82044
HWY	399.61	408.32	82.5465	40.8315	40.83152

MCT Results	whdc/mi	mi/kwhdc	mi/kwhac
UDDS	304.510	3.284	2.792
HFEDS	347.109	2.881	2.449

R1S Performance (20in) – Conserve

EPA EV Multicycle Calculator (SAE J1634 Oct 2012)

Manufacturer: RIVIAN

Carline: R1S

Model Year 2027

Vehicle RTT 351X 20" ADV

Test Number

Comments: CONSERVE

D.Good

March 8, 2016

Test Date

Cycle	Energy (Wh)	Distance (mi)	ECdc_cyc	Kuwt	Kwt	Recharge AC WattHrs
UDDS1	2590.78	7.443	348.08	87.02	6.51	161834.530
UDDS2	1928.12	7.442	259.09	64.77	84.75	
UDDS3	1818.37	7.453	243.98	60.99	79.81	
UDDS4	1814.39	7.454	243.40	60.85	79.62	
HWY1	3122.54	10.252	304.58	152.29		
HWY2	2915.65	10.254	284.34	142.17		
SS1	108034.32	296.244	364.68			
SS2	16393.33	45.085	363.61			
TOTAL	138617.50	391.627				

K-Factors	UDDS1	UDDS2	UDDS3	UDDS4	HWY1	HWY2
Unweighted	0.250	0.250	0.250	0.250	0.500	0.500
Weighted	0.019	0.327	0.327	0.327	NA	NA

Results	Range (mi)	AC Wh/mi	MPGe	kWh/100mi
UDDSu	506.57	319.47		
UDDSw	552.97	292.66	115.1665	29.2663
HWY	470.75	343.78	98.0424	34.3780

EPA version
kWh/100mi
29.26632
34.37798

MCT Results	whdc/mi	mi/kwhdc	mi/kwhac
UDDS	250.6773	3.9892	3.4169
HFEDS	294.4607	3.3960	2.9088

Certification Summary Information Report

Manufacturer	Rivian Automotive LLC	Manufacturer Code	RIV
Test Group	VRIVT00.0193	Evaporative/Refueling Family	--
Certificate Number	--	CARB Executive Order #	--
Certificate Issue Date	--	Certificate Revision Date	--
Certificate Effective Date	--	Conditional Certificate	--
CSI Revision #	--	CSI Submission/Revision Date	05/29/2026 03:12:03 PM
Model Year	2027		

Test Group Information

CSI Type	New	Running Change Reference Number	--
GHG Exempt Status	Not Exempt		

Drive Sources and Fuel(s)

Drive Source #1: Electric Motor

Fuel	Basic Fuel Metering System	Lean Burn Strategy Indicator
Electricity	--	--

Hybrid Indicator	No		
Multiple Fuel Storage	--	Rechargeable Energy Storage System Indicator	Yes
Multiple Fuel Combustion	--	Off-board Charge Capable Indicator	Yes
Fuel Cell Indicator	No	EPA Vehicle Class	MDPV
Federal Clean Fuel Vehicle	Yes	Federal Clean Fuel Vehicle Standard	ZEV
Federal Clean Fuel Vehicle ILEV	No	California Partial Zero Emissions Vehicle Indicator	--
Durability Group Name	VRIVR0000193	Durability Group Equivalency Factor	1
Reduced Fee Test Group	No	Certification Region Code(s)	FA, CA
Complies with HD GHG 2b/3 regulations?	No		
Introduction into Commerce Date	--	CAP2000 Conditional Certificate?	N/A
Independent Commercial Importer?	--	Alternative Fuel Converter Certificate?	--
SFTP Federal Composite Compliance Identifier	Not Applicable	SFTP Tier 2 Composite CO Option	No
SFTP LEV-III Composite Compliance Indicator	No		
OBD Compliance Type	CARB	OBD Demonstration Vehicle Test Group	VRIVT00.0193
Test Group OBD Compliance Level	Full - no deficiencies	Number of Test Group OBD Deficiencies	0
OBD Deficiencies Comments	OBD COMPLIANCE IS NOT APPLICABLE TO ZEV. PARAMETERS ARE PLACEHOLDERS TO ALLOW DATASET SUBMISSION.		
Mfr Test Group Comments	DURABILITY IS NOT APPLICABLE TO ZEV. PARAMETERS ARE PLACEHOLDERS TO ALLOW DATASET SUBMISSION.		
Mfr Exhaust / Evap Standards Comments	--		

Certification Summary Information Report

Test Group	VRIVT00.0193		Evaporative/Refueling Family		--		
Models Covered by this Certificate							
Carline Manufacturer	Division	Carline	Certification Region Code(s)	Drive System	Trans - Type	- # of Gears	Trans - Lockup
Rivian Automotive LLC	1 - Rivian	714 - R1T Performance (20in)	California + CAA Section 177 states	4-Wheel Drive	Automatic	1	No
Rivian Automotive LLC	1 - Rivian	514 - R1S Performance (20in)	Federal	4-Wheel Drive	Automatic	1	No
Rivian Automotive LLC	1 - Rivian	514 - R1S Performance (20in)	California + CAA Section 177 states	4-Wheel Drive	Automatic	1	No
Rivian Automotive LLC	1 - Rivian	502 - R1S Performance (22in)	California + CAA Section 177 states	4-Wheel Drive	Automatic	1	No
Rivian Automotive LLC	1 - Rivian	702 - R1T Performance (22in)	California + CAA Section 177 states	4-Wheel Drive	Automatic	1	No
Rivian Automotive LLC	1 - Rivian	714 - R1T Performance (20in)	Federal	4-Wheel Drive	Automatic	1	No
Rivian Automotive LLC	1 - Rivian	502 - R1S Performance (22in)	Federal	4-Wheel Drive	Automatic	1	No
Rivian Automotive LLC	1 - Rivian	700 - R1T Performance (20in AT)	California + CAA Section 177 states	4-Wheel Drive	Automatic	1	No
Rivian Automotive LLC	1 - Rivian	702 - R1T Performance (22in)	Federal	4-Wheel Drive	Automatic	1	No
Rivian Automotive LLC	1 - Rivian	500 - R1S Performance (20in AT)	California + CAA Section 177 states	4-Wheel Drive	Automatic	1	No
Rivian Automotive LLC	1 - Rivian	700 - R1T Performance (20in AT)	Federal	4-Wheel Drive	Automatic	1	No
Rivian Automotive LLC	1 - Rivian	500 - R1S Performance (20in AT)	Federal	4-Wheel Drive	Automatic	1	No

Engine Description			
Hybrid Type	--	Hybrid Description	--
Engine Type	--	Mfr Engine Description	--
Engine Block Arrangement	--	Mfr Engine Block Arrangement Description	--
Camless Valvetrain Indicator	--	Oil Viscosity/Classification	
Number of Cylinders/Rotors	--	Mechanically Variable Compression Ratio Indicator	--

After Treatment Device(s) (ATD)	
Mfr After Treatment Device (ATD) Comments	--
Direct Ozone Reduction (DOR) Device	--
Mfr Emission Control Device Comments	--

Certification Summary Information Report

Test Group		VRIVT00.0193				Evaporative/Refueling Family		--		
Official Test Numbers										
Test Group Fuel	FTP	US06	SC03	Cold CO	Highway	EPA City Litmus Value	EPA City Litmus Threshold	EPA Highway Litmus Value	EPA Highway Litmus Threshold	CREE Weighting Factor
Electricity	--	--	--	--	--	--	--	--	--	--

SFTP LEV-III Official Test Numbers			
Test Group Fuel	FTP	US06	SC03
Electricity	--	--	--

Hybrid Electric Vehicle And Fuel Cell Information			
Rechargeable Energy Storage System	Battery(s)	Rechargeable Energy Storage System, if Other	--
Battery Type	Lithium Ion	Number of Battery Packs	1
Total Voltage of Battery Packs	392	Battery Energy Capacity	382
Battery Specific Energy	190	Battery Charger Type	Both
Number of Capacitors	--	Capacitor Rating (In Farads)	--
Mfr Capacitor Comments	--		
Hydraulic System Description	--		
Regenerative Braking Type	Electrical Regen Brake		
Regenerative Braking Source	Both	Driver Controlled Regenerative Braking	Yes
Mfr Regenerative Braking Description	--		
Drive Motor(s)/Generator(s)	3		
Motor/Generator Type 1	AC Permanent Magnet	Rated Motor/Generator Power	233
Motor/Generator Type 2	AC Permanent Magnet	Rated Motor/Generator Power	201
Motor/Generator Type 3	AC Permanent Magnet	Rated Motor/Generator Power	201
Mfr Fuel Cell Description	--		
Fuel Cell On-Board H2 Storage Capacity (kg)	--	Usable H2 Fill Capacity (kg)	--
Mfr Hybrid Electric/ Electric Vehicle Comments	All-Purpose Drive Mode and Conserve Drive Mode.		

Certification Summary Information Report

Test Group	VRIVT00.0193	Evaporative/Refueling Family	--						
Emission Data Vehicle Information									
Vehicle ID / Configuration	R1S351XR20 / 0	Manufacturer Vehicle Configuration Number	0						
Original Test Group Name	SRIVT00.0193	Original Evaporative/Refueling Family	--						
Original Test Vehicle Model Year	2025								
Vehicle Model									
Represented Test Vehicle Make	Rivian	Represented Test Vehicle Model	R1S Performance (20in)						
Leak Family Details									
Leak Family Identifier	--	Leak Family Name	--						
Drive Sources and Fuel System Details									
	<table border="1"> <tr> <th>Drive Source and Fuel#</th><th>Drive Source</th><th>Fuel</th></tr> <tr> <td>1</td><td>Electric Motor</td><td>Electricity</td></tr> </table>	Drive Source and Fuel#	Drive Source	Fuel	1	Electric Motor	Electricity		
Drive Source and Fuel#	Drive Source	Fuel							
1	Electric Motor	Electricity							
Hybrid Indicator	No								
Multiple Fuel Storage	--	Multiple Fuel Combustion	--						
Fuel Cell Indicator	No	Rechargeable Energy Storage System Indicator	Yes						
Rechargeable Energy Storage System	Battery(s)	Rechargeable Energy Storage System, if 'Other'	--						
Off-board charge Capable Indicator	Yes								
Odometer Correction -- Initial	1	Odometer Correction Factor	1						
Odometer Correction Sign	+ = System Miles is equal to (Test odometer reading * Correction factor) + Initial system miles								
Odometer Correction Units	Miles								
Engine Code	201X2SW233X1	Rated Horsepower	850						
Displacement (liters)	99.999								
Air Aspiration Method	Naturally Aspirated	Air Aspiration Method, if 'Other'	Electric						
Number of Air Aspiration Devices	--	Air Aspiration Device Configuration	--						
Charge Air Cooler Type	--	Drive Mode While Testing	4-Wheel Drive						
Shift Indicator Light Usage	Not equipped	Aged Emission Components	4,000 (mi)						
Curb Weight (lbs)	6812	Equivalent Test Weight (pounds)	7000						
GVWR (lbs)	--	N/V Ratio	999						
Axle Ratio	9.99								
Transmission Type	Automatic	# of Transmission Gears	1						
Transmission Lockup	No	Creep Gear	No						

Certification Summary Information Report

Test Group		VRIVT00.0193			Evaporative/Refueling Family		--	
Dynamometer Coefficients:								
Target Coefficients				Set Coefficients			EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients	
Coefficient Category	A (lbf)	B (lbf/mph)	C (lbf/mph**2)	A (lbf)	B (lbf/mph)	C (lbf/mph**2)		
City/Highway/Evap	50.29	0.1959	0.02565	2.33	-0.123	0.02633	16.6	
Cold CO	55.32	0.2155	0.02822	-18.09	-0.062	0.02709	N/A	
US06	50.29	0.1959	0.02565	2.33	-0.123	0.02633	N/A	
Emission Control Device Comments		Battery Electric Vehicle						
Manufacturer Test Vehicle Comments		R1S Performance (20in) - Conserve Drive Mode FDU Axle Ratio: 11.0:1 RDU Axle Ratio: 11.7:1 FDU N/V: 120.0 RDU N/V: 113.1						

Certification Summary Information Report

Test Group	VRIVT00.0193	Evaporative/Refueling Family	--
Test #	SRIV10094314	Test Procedure	2 - CVS 75 and later (w/o can. load)
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity
Test Date	05/13/2026	Fuel	Electricity
Fuel Batch ID	--	Fuel Calibration Number	--
Vehicle Class	MDPV	DF Type	EPA Assigned
Verify Test Lab ID	FEV Michigan		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	8212	Odometer Units	M
4WD Test Dyno	Yes	Diesel Adjustment Factor Usage	--
State of Charge Delta	Yes		
Drive Cycle Speed Tolerance Criteria	Used Part 86 (+/- 2 mph, +/- 1 sec)	Road Speed Fan Usage	Yes

Test Results

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (kilowatt-hour per 100 miles)
METHANE (CH4 - Methane)	0	--
CO (Carbon Monoxide)	0	--
DT-ASCR (Drive Trace Absolute Speed Change Rating)	0.933	--
DT-EER (Drive Trace Energy Economy Rating)	0.264	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	1.344	--
MFR FE (Manufacturer Fuel Economy)	25.57	131.8146265
NOX (Nitrogen Oxide)	0	--
N2O (Nitrous Oxide)	0	--
HC-NM (Non-methane Hydrocarbon)	0	--
NMOG (Non-methane organic gases)	0	--

Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE
Carbon-Related Exhaust Emissions	0	0
Optional Carbon-Related Exhaust Emissions	0	0

Test Result Name	Unrounded Test Result	Verify Calculated CO2
Carbon dioxide	0	--

Manufacturer Test Comments

R1S - Conserve Drive Mode, Tri Motor, Max Battery Pack, and 20in A/S wheels and tires. Cycle 1: 286.96 Wh/mi, Cycle 2: 233.04 Wh/mi, Cycle 3: 275.12 Wh/mi, Cycle 4: 231.11 Wh/mi.

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Certification Summary Information Report

Test Group	VRIVT00.0193	Evaporative/Refueling Family	--
Test #	SRIV10094322	Test Procedure	3 - HWFE
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity
Test Date	05/13/2026	Fuel	N/A
Fuel Batch ID	--	Fuel Calibration Number	--
Vehicle Class	N/A	DF Type	EPA Assigned
Verify Test Lab ID	FEV Michigan		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	8212	Odometer Units	M
4WD Test Dyno	Yes	Diesel Adjustment Factor Usage	--
State of Charge Delta	Yes		
Drive Cycle Speed Tolerance Criteria	Used Part 86 (+/- 2 mph, +/- 1 sec)	Road Speed Fan Usage	Yes

Test Results

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (kilowatt-hour per 100 miles)
METHANE (CH4 - Methane)	0	--
CO (Carbon Monoxide)	0	--
DT-ASCR (Drive Trace Absolute Speed Change Rating)	2.037	--
DT-EER (Drive Trace Energy Economy Rating)	-0.187	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	2.428	--
MFR FE (Manufacturer Fuel Economy)	28.7	117.4390244
NOX (Nitrogen Oxide)	0	--
N2O (Nitrous Oxide)	0	--
HC-NM (Non-methane Hydrocarbon)	0	--
NMOG (Non-methane organic gases)	0	--

Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE
Carbon-Related Exhaust Emissions	0	0
Optional Carbon-Related Exhaust Emissions	0	0

Test Result Name	Unrounded Test Result	Verify Calculated CO2
Carbon dioxide	0	--

Manufacturer Test Comments

R1S - Conserve Drive Mode, Tri Motor, Max Battery Pack, and 20in A/S wheels. Cycle 1: 287.01 Wh/mi

Certification Summary Information Report

Test Group	VRIVT00.0193	Evaporative/Refueling Family	--
Test #	SRIV10094324	Test Procedure	90 - US06
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity
Test Date	05/12/2026	Fuel	N/A
Fuel Batch ID	--	Fuel Calibration Number	--
Vehicle Class	N/A	DF Type	EPA Assigned
Verify Test Lab ID	FEV Michigan		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	8195	Odometer Units	M
4WD Test Dyno	Yes	Diesel Adjustment Factor Usage	--
State of Charge Delta	Yes		
Drive Cycle Speed Tolerance Criteria	Used Part 86 (+/- 2 mph, +/- 1 sec)	Road Speed Fan Usage	Yes

Test Results

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (kilowatt-hour per 100 miles)
METHANE (CH4 - Methane)	0	--
CO (Carbon Monoxide)	0	--
DT-ASCR (Drive Trace Absolute Speed Change Rating)	0.704	--
DT-EER (Drive Trace Energy Economy Rating)	0.067	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	0.986	--
MFR FE (Manufacturer Fuel Economy)	38.89	86.6675238
NOX (Nitrogen Oxide)	0	--
N2O (Nitrous Oxide)	0	--
HC-NM (Non-methane Hydrocarbon)	0	--
NMOG (Non-methane organic gases)	0	--

Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE
Carbon-Related Exhaust Emissions	0	--
Optional Carbon-Related Exhaust Emissions	0	--

Test Result Name	Unrounded Test Result	Verify Calculated CO2
Carbon dioxide	0	--

Manufacturer Test Comments

R1S - Conserve Drive Mode, Tri Motor, Max Battery Pack, and 20in A/S wheels. Cycle 1 (City1): 366.05 Wh/mi, Cycle 2 (HWY): 389.02 Wh/mi, Cycle 3 (City2): 447.36 Wh/mi

Certification Summary Information Report

Test Group	VRIVT00.0193	Evaporative/Refueling Family	--
Test #	SRIV10094326	Test Procedure	95 - SC03
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity
Test Date	04/29/2026	Fuel	N/A
Fuel Batch ID	--	Fuel Calibration Number	--
Vehicle Class	N/A	DF Type	EPA Assigned
Verify Test Lab ID	FEV Michigan		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	7565	Odometer Units	M
4WD Test Dyno	Yes	Diesel Adjustment Factor Usage	--
State of Charge Delta	Yes		
Drive Cycle Speed Tolerance Criteria	Used Part 86 (+/- 2 mph, +/- 1 sec)	Road Speed Fan Usage	Yes

Test Results

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (kilowatt-hour per 100 miles)
METHANE (CH4 - Methane)	0	--
CO (Carbon Monoxide)	0	--
DT-ASCR (Drive Trace Absolute Speed Change Rating)	2.518	--
DT-EER (Drive Trace Energy Economy Rating)	2.146	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	3.036	--
MFR FE (Manufacturer Fuel Economy)	35.62	94.6238069
NOX (Nitrogen Oxide)	0	--
N2O (Nitrous Oxide)	0	--
HC-NM (Non-methane Hydrocarbon)	0	--
NMOG (Non-methane organic gases)	0	--

Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE
Carbon-Related Exhaust Emissions	0	--
Optional Carbon-Related Exhaust Emissions	0	--

Test Result Name	Unrounded Test Result	Verify Calculated CO2
Carbon dioxide	0	--

Manufacturer Test Comments

R1S - Conserve Drive Mode, Tri Motor, Max Battery Pack, and 20in A/S wheels. Cycle 1: 356.17 Wh/mi

Certification Summary Information Report

Test Group	VRIVT00.0193	Evaporative/Refueling Family	--
Test #	SRIV10094309	Test Procedure	77 - Multi-Cycle Test (MCT)
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity
Test Date	05/01/2026	Fuel	N/A
Fuel Batch ID	--	Fuel Calibration Number	--
Vehicle Class	N/A	DF Type	EPA Assigned
Verify Test Lab ID	FEV Michigan		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	7621	Odometer Units	M
4WD Test Dyno	Yes	Diesel Adjustment Factor Usage	--
State of Charge Delta	Yes		
Drive Cycle Speed Tolerance Criteria	Used Part 86 (+/- 2 mph, +/- 1 sec)	Road Speed Fan Usage	Yes
PHEV/EV Charge Depleting Test Information			
Recharge Event Voltage	240	Recharge Event Energy (kiloWatt-hours)	161.84
Charge Depleting Range (Calculated miles)	553.05	Charge Depleting Range (Actual miles)	553.05
Charge Depleting Range Highway (Calculated miles)	470.69	Derived 5-Cycle Coefficient Model Year	--
All Electric Range Unadjusted (miles)	--	Equivalent All Electric Range (miles)	553.05
Number of Charge Depleting Bags/Phases Conducted	8	Transition Bag/Phase Number	--
Charge Depleting Bag/Phase #1			
Test Result/Emission Name		Unrounded Test Result	
Actual Distance Driven (miles)		7.443	
Carbon-Related Exhaust Emissions		0	
Drive Trace Absolute Speed Change Rating		0.46	
Drive Trace Energy Economy Rating		-0.32	
Drive Trace Inertia Work Ratio Rating		0.5	
Integrated DC KW-HRS		2.591	
Manufacturer Fuel Economy		34.81	
Charge Depleting Bag/Phase #2			

Certification Summary Information Report

Test Group	VRIVT00.0193	Evaporative/Refueling Family	--																
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>10.252</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>1.33</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>-0.16</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>1.56</td></tr><tr><td>Integrated DC KW-HRS</td><td>3.123</td></tr><tr><td>Manufacturer Fuel Economy</td><td>30.46</td></tr></table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	10.252	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	1.33	Drive Trace Energy Economy Rating	-0.16	Drive Trace Inertia Work Ratio Rating	1.56	Integrated DC KW-HRS	3.123	Manufacturer Fuel Economy	30.46		
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	10.252																		
Carbon-Related Exhaust Emissions	0																		
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Drive Trace Energy Economy Rating	-0.16																		
Drive Trace Inertia Work Ratio Rating	1.56																		
Integrated DC KW-HRS	3.123																		
Manufacturer Fuel Economy	30.46																		
Charge Depleting Bag/Phase #3																			
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>7.442</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>0.78</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>0.16</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>1.13</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.928</td></tr><tr><td>Manufacturer Fuel Economy</td><td>25.91</td></tr></table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	7.442	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	0.78	Drive Trace Energy Economy Rating	0.16	Drive Trace Inertia Work Ratio Rating	1.13	Integrated DC KW-HRS	1.928	Manufacturer Fuel Economy	25.91		
Test Result/Emission Name	Unrounded Test Result																		
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Carbon-Related Exhaust Emissions	0																		
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Drive Trace Energy Economy Rating	0.16																		
Drive Trace Inertia Work Ratio Rating	1.13																		
Integrated DC KW-HRS	1.928																		
Manufacturer Fuel Economy	25.91																		
Charge Depleting Bag/Phase #4																			
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>296.244</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>58.34</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>-0.2</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>99.99</td></tr><tr><td>Integrated DC KW-HRS</td><td>108.034</td></tr><tr><td>Manufacturer Fuel Economy</td><td>36.47</td></tr></table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	296.244	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	58.34	Drive Trace Energy Economy Rating	-0.2	Drive Trace Inertia Work Ratio Rating	99.99	Integrated DC KW-HRS	108.034	Manufacturer Fuel Economy	36.47		
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Carbon-Related Exhaust Emissions	0																		
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Drive Trace Inertia Work Ratio Rating	99.99																		
Integrated DC KW-HRS	108.034																		
Manufacturer Fuel Economy	36.47																		
Charge Depleting Bag/Phase #5																			
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>7.453</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>1.75</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>0.6</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>3.18</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.818</td></tr><tr><td>Manufacturer Fuel Economy</td><td>24.4</td></tr></table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	7.453	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	1.75	Drive Trace Energy Economy Rating	0.6	Drive Trace Inertia Work Ratio Rating	3.18	Integrated DC KW-HRS	1.818	Manufacturer Fuel Economy	24.4		
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Actual Distance Driven (miles)	7.453																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	1.75																		
Drive Trace Energy Economy Rating	0.6																		
Drive Trace Inertia Work Ratio Rating	3.18																		
Integrated DC KW-HRS	1.818																		
Manufacturer Fuel Economy	24.4																		
Charge Depleting Bag/Phase #6																			

Certification Summary Information Report

Test Group	VRIVT00.0193	Evaporative/Refueling Family	--																
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>10.254</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>2.94</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>1.25</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>3.21</td></tr><tr><td>Integrated DC KW-HRS</td><td>2.916</td></tr><tr><td>Manufacturer Fuel Economy</td><td>28.43</td></tr></table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	10.254	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	2.94	Drive Trace Energy Economy Rating	1.25	Drive Trace Inertia Work Ratio Rating	3.21	Integrated DC KW-HRS	2.916	Manufacturer Fuel Economy	28.43		
Test Result/Emission Name	Unrounded Test Result																		
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Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	2.94																		
Drive Trace Energy Economy Rating	1.25																		
Drive Trace Inertia Work Ratio Rating	3.21																		
Integrated DC KW-HRS	2.916																		
Manufacturer Fuel Economy	28.43																		
Charge Depleting Bag/Phase #7																			
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>7.454</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>0.48</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>0.44</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>1.09</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.814</td></tr><tr><td>Manufacturer Fuel Economy</td><td>24.34</td></tr></table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	7.454	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	0.48	Drive Trace Energy Economy Rating	0.44	Drive Trace Inertia Work Ratio Rating	1.09	Integrated DC KW-HRS	1.814	Manufacturer Fuel Economy	24.34		
Test Result/Emission Name	Unrounded Test Result																		
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Drive Trace Inertia Work Ratio Rating	1.09																		
Integrated DC KW-HRS	1.814																		
Manufacturer Fuel Economy	24.34																		
Charge Depleting Bag/Phase #8																			
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>45.085</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>99.99</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>-0.55</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>63.5</td></tr><tr><td>Integrated DC KW-HRS</td><td>16.393</td></tr><tr><td>Manufacturer Fuel Economy</td><td>36.36</td></tr></table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	45.085	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	99.99	Drive Trace Energy Economy Rating	-0.55	Drive Trace Inertia Work Ratio Rating	63.5	Integrated DC KW-HRS	16.393	Manufacturer Fuel Economy	36.36		
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	45.085																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	99.99																		
Drive Trace Energy Economy Rating	-0.55																		
Drive Trace Inertia Work Ratio Rating	63.5																		
Integrated DC KW-HRS	16.393																		
Manufacturer Fuel Economy	36.36																		
Manufacturer Test Comments		R1S - Conserve Drive Mode, Tri Motor, Max Battery Pack, and 20in A/S wheels and tires. UDDS1: 348.08 Wh/mi, UDDS2: 259.09 Wh/mi, UDDS3: 243.98 Wh/mi, UDDS4: 243.40 Wh/mi. UDDS1 Energy: 2590.78 Wh HWY1: 304.58 Wh/mi, HWY2: 284.34 Wh/mi MCT Energy: 138617.50 Wh																	

Certification Summary Information Report

Test Group	VRIVT00.0193	Evaporative/Refueling Family	--																
Test #	SRIV10094328	Test Procedure	86 - Charge Depleting 20 Degree F FTP																
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity																
Test Date	04/27/2026	Fuel	N/A																
Fuel Batch ID	--	Fuel Calibration Number	--																
Vehicle Class	N/A	DF Type	EPA Assigned																
Verify Test Lab ID	FEV Michigan																		
E10 Evaporative Test Measurement Method	--																		
Test Start Odometer Reading	7494	Odometer Units	M																
4WD Test Dyno	Yes	Diesel Adjustment Factor Usage	--																
State of Charge Delta	Yes																		
Drive Cycle Speed Tolerance Criteria	Used Part 86 (+/- 2 mph, +/- 1 sec)	Road Speed Fan Usage	Yes																
PHEV/EV Charge Depleting Test Information																			
Recharge Event Voltage	240	Recharge Event Energy (kiloWatt-hours)	161.84																
Charge Depleting Range (Calculated miles)	14.9	Charge Depleting Range (Actual miles)	14.9																
Charge Depleting Range Highway (Calculated miles)	--	Derived 5-Cycle Coefficient Model Year	--																
All Electric Range Unadjusted (miles)	--	Equivalent All Electric Range (miles)	14.9																
Number of Charge Depleting Bags/Phases Conducted	4	Transition Bag/Phase Number	--																
Charge Depleting Bag/Phase #1																			
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>3.585</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>1.198</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>0.425</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>1.671</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.76</td></tr><tr><td>Manufacturer Fuel Economy</td><td>49.09</td></tr></table>				Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	3.585	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	1.198	Drive Trace Energy Economy Rating	0.425	Drive Trace Inertia Work Ratio Rating	1.671	Integrated DC KW-HRS	1.76	Manufacturer Fuel Economy	49.09
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	3.585																		
Carbon-Related Exhaust Emissions	0																		
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Drive Trace Energy Economy Rating	0.425																		
Drive Trace Inertia Work Ratio Rating	1.671																		
Integrated DC KW-HRS	1.76																		
Manufacturer Fuel Economy	49.09																		
Charge Depleting Bag/Phase #2																			

Certification Summary Information Report

Test Group	VRIVT00.0193	Evaporative/Refueling Family	--																
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>3.858</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>1.368</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>1.235</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>2.79</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.561</td></tr><tr><td>Manufacturer Fuel Economy</td><td>40.46</td></tr></table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	3.858	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	1.368	Drive Trace Energy Economy Rating	1.235	Drive Trace Inertia Work Ratio Rating	2.79	Integrated DC KW-HRS	1.561	Manufacturer Fuel Economy	40.46		
Test Result/Emission Name	Unrounded Test Result																		
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Integrated DC KW-HRS	1.561																		
Manufacturer Fuel Economy	40.46																		
Charge Depleting Bag/Phase #3																			
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>3.597</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>2.46</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>1.257</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>4.258</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.427</td></tr><tr><td>Manufacturer Fuel Economy</td><td>39.66</td></tr></table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	3.597	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	2.46	Drive Trace Energy Economy Rating	1.257	Drive Trace Inertia Work Ratio Rating	4.258	Integrated DC KW-HRS	1.427	Manufacturer Fuel Economy	39.66		
Test Result/Emission Name	Unrounded Test Result																		
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Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	2.46																		
Drive Trace Energy Economy Rating	1.257																		
Drive Trace Inertia Work Ratio Rating	4.258																		
Integrated DC KW-HRS	1.427																		
Manufacturer Fuel Economy	39.66																		
Charge Depleting Bag/Phase #4																			
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>3.863</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>1.373</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>0.715</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>2.472</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.398</td></tr><tr><td>Manufacturer Fuel Economy</td><td>36.2</td></tr></table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	3.863	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	1.373	Drive Trace Energy Economy Rating	0.715	Drive Trace Inertia Work Ratio Rating	2.472	Integrated DC KW-HRS	1.398	Manufacturer Fuel Economy	36.2		
Test Result/Emission Name	Unrounded Test Result																		
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Carbon-Related Exhaust Emissions	0																		
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Drive Trace Energy Economy Rating	0.715																		
Drive Trace Inertia Work Ratio Rating	2.472																		
Integrated DC KW-HRS	1.398																		
Manufacturer Fuel Economy	36.2																		
Manufacturer Test Comments		R1S - All Purpose Drive Mode, Tri Motor, Max Battery Pack, and 20in A/S wheels. Cycle 1: 490.87 Wh/mi, Cycle 2: 404.62 Wh/mi, Cycle 3: 396.63 Wh/mi, Cycle 4: 361.95 Wh/mi,																	

Certification Summary Information Report

Test Group	VRIVT00.0193	Evaporative/Refueling Family	--						
Emission Data Vehicle Information									
Vehicle ID / Configuration	R1S351XR20 / 1	Manufacturer Vehicle Configuration Number	0						
Original Test Group Name	SRIVT00.0193	Original Evaporative/Refueling Family	--						
Original Test Vehicle Model Year	2025								
Vehicle Model									
Represented Test Vehicle Make	Rivian	Represented Test Vehicle Model	R1S Performance (20in)						
Leak Family Details									
Leak Family Identifier	--	Leak Family Name	--						
Drive Sources and Fuel System Details									
	<table border="1"> <tr> <th>Drive Source and Fuel#</th><th>Drive Source</th><th>Fuel</th></tr> <tr> <td>1</td><td>Electric Motor</td><td>Electricity</td></tr> </table>	Drive Source and Fuel#	Drive Source	Fuel	1	Electric Motor	Electricity		
Drive Source and Fuel#	Drive Source	Fuel							
1	Electric Motor	Electricity							
Hybrid Indicator	No								
Multiple Fuel Storage	--	Multiple Fuel Combustion	--						
Fuel Cell Indicator	No	Rechargeable Energy Storage System Indicator	Yes						
Rechargeable Energy Storage System	Battery(s)	Rechargeable Energy Storage System, if 'Other'	--						
Off-board charge Capable Indicator	Yes								
Odometer Correction -- Initial	1	Odometer Correction Factor	1						
Odometer Correction Sign	+ = System Miles is equal to (Test odometer reading * Correction factor) + Initial system miles								
Odometer Correction Units	Miles								
Engine Code	201X2SW233X1	Rated Horsepower	850						
Displacement (liters)	99.999								
Air Aspiration Method	Naturally Aspirated	Air Aspiration Method, if 'Other'	Electric						
Number of Air Aspiration Devices	--	Air Aspiration Device Configuration	--						
Charge Air Cooler Type	--	Drive Mode While Testing	4-Wheel Drive						
Shift Indicator Light Usage	Not equipped	Aged Emission Components	4,000 (mi)						
Curb Weight (lbs)	6812	Equivalent Test Weight (pounds)	7000						
GVWR (lbs)	--	N/V Ratio	999						
Axle Ratio	9.99								
Transmission Type	Automatic	# of Transmission Gears	1						
Transmission Lockup	No	Creep Gear	No						

Certification Summary Information Report

Test Group		VRIVT00.0193			Evaporative/Refueling Family		--	
Dynamometer Coefficients:								
Target Coefficients				Set Coefficients			EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients	
Coefficient Category	A (lbf)	B (lbf/mph)	C (lbf/mph**2)	A (lbf)	B (lbf/mph)	C (lbf/mph**2)		
City/Highway/Evap	50.29	0.1959	0.02565	2.33	-0.123	0.02633	16.6	
Cold CO	55.32	0.2155	0.02822	-18.09	-0.062	0.02709	N/A	
US06	50.29	0.1959	0.02565	2.33	-0.123	0.02633	N/A	
Emission Control Device Comments		Battery Electric Vehicle						
Manufacturer Test Vehicle Comments		R1S Performance (20in) - All Purpose Drive Mode FDU Axle Ratio: 11.0:1 RDU Axle Ratio: 11.7:1 FDU N/V: 120.0 RDU N/V: 113.1						

Certification Summary Information Report

Test Group	VRIVT00.0193	Evaporative/Refueling Family	--
Test #	SRIV10094321	Test Procedure	2 - CVS 75 and later (w/o can. load)
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity
Test Date	04/30/2026	Fuel	Electricity
Fuel Batch ID	--	Fuel Calibration Number	--
Vehicle Class	MDPV	DF Type	EPA Assigned
Verify Test Lab ID	FEV Michigan		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	7572	Odometer Units	M
4WD Test Dyno	Yes	Diesel Adjustment Factor Usage	--
State of Charge Delta	Yes		
Drive Cycle Speed Tolerance Criteria	Used Part 86 (+/- 2 mph, +/- 1 sec)	Road Speed Fan Usage	Yes

Test Results

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (kilowatt-hour per 100 miles)
METHANE (CH4 - Methane)	0	--
CO (Carbon Monoxide)	0	--
DT-ASCR (Drive Trace Absolute Speed Change Rating)	1.177	--
DT-EER (Drive Trace Energy Economy Rating)	0.606	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	1.965	--
MFR FE (Manufacturer Fuel Economy)	30.29	111.274348
NOX (Nitrogen Oxide)	0	--
N2O (Nitrous Oxide)	0	--
HC-NM (Non-methane Hydrocarbon)	0	--
NMOG (Non-methane organic gases)	0	--

Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE
Carbon-Related Exhaust Emissions	0	0
Optional Carbon-Related Exhaust Emissions	0	0

Test Result Name	Unrounded Test Result	Verify Calculated CO2
Carbon dioxide	0	--

Manufacturer Test Comments

R1S - All Purpose Drive Mode, Tri Motor, Max Battery Pack, and 20in A/S wheels. Cycle 1: 340.06 Wh/mi, Cycle 2: 277.70 Wh/mi, Cycle 3: 323.04 Wh/mi, Cycle 4: 274.86 Wh/mi.

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Certification Summary Information Report

Test Group	VRIVT00.0193	Evaporative/Refueling Family	--
Test #	SRIV10094323	Test Procedure	3 - HWFE
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity
Test Date	04/30/2026	Fuel	N/A
Fuel Batch ID	--	Fuel Calibration Number	--
Vehicle Class	N/A	DF Type	EPA Assigned
Verify Test Lab ID	FEV Michigan		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	7572	Odometer Units	M
4WD Test Dyno	Yes	Diesel Adjustment Factor Usage	--
State of Charge Delta	Yes		
Drive Cycle Speed Tolerance Criteria	Used Part 86 (+/- 2 mph, +/- 1 sec)	Road Speed Fan Usage	Yes

Test Results

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (kilowatt-hour per 100 miles)
METHANE (CH4 - Methane)	0	--
CO (Carbon Monoxide)	0	--
DT-ASCR (Drive Trace Absolute Speed Change Rating)	2.634	--
DT-EER (Drive Trace Energy Economy Rating)	0.695	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	3.049	--
MFR FE (Manufacturer Fuel Economy)	33.93	99.33687
NOX (Nitrogen Oxide)	0	--
N2O (Nitrous Oxide)	0	--
HC-NM (Non-methane Hydrocarbon)	0	--
NMOG (Non-methane organic gases)	0	--

Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE
Carbon-Related Exhaust Emissions	0	0
Optional Carbon-Related Exhaust Emissions	0	0

Test Result Name	Unrounded Test Result	Verify Calculated CO2
Carbon dioxide	0	--

Manufacturer Test Comments

R1S - All Purpose Drive Mode, Tri Motor, Max Battery Pack, and 20in A/S wheels. Cycle 1: 339.35 Wh/mi

Certification Summary Information Report

Test Group	VRIVT00.0193	Evaporative/Refueling Family	--
Test #	SRIV10094325	Test Procedure	90 - US06
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity
Test Date	04/30/2026	Fuel	N/A
Fuel Batch ID	--	Fuel Calibration Number	--
Vehicle Class	N/A	DF Type	EPA Assigned
Verify Test Lab ID	FEV Michigan		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	7598	Odometer Units	M
4WD Test Dyno	Yes	Diesel Adjustment Factor Usage	--
State of Charge Delta	Yes		
Drive Cycle Speed Tolerance Criteria	Used Part 86 (+/- 2 mph, +/- 1 sec)	Road Speed Fan Usage	Yes

Test Results

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (kilowatt-hour per 100 miles)
METHANE (CH4 - Methane)	0	--
CO (Carbon Monoxide)	0	--
DT-ASCR (Drive Trace Absolute Speed Change Rating)	0.292	--
DT-EER (Drive Trace Energy Economy Rating)	-0.058	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	0.513	--
MFR FE (Manufacturer Fuel Economy)	44.82	75.2008032
NOX (Nitrogen Oxide)	0	--
N2O (Nitrous Oxide)	0	--
HC-NM (Non-methane Hydrocarbon)	0	--
NMOG (Non-methane organic gases)	0	--

Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE
Carbon-Related Exhaust Emissions	0	--
Optional Carbon-Related Exhaust Emissions	0	--

Test Result Name	Unrounded Test Result	Verify Calculated CO2
Carbon dioxide	0	--

Manufacturer Test Comments

R1S - All Purpose Drive Mode, Tri Motor, Max Battery Pack, and 20in A/S wheels. Cycle 1 (City1): 412.33 Wh/mi, Cycle 2 (HWY): 447.96 Wh/mi, Cycle 3 (City2): 462.03 Wh/mi

Certification Summary Information Report

Test Group	VRIVT00.0193	Evaporative/Refueling Family	--
Test #	SRIV10094327	Test Procedure	95 - SC03
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity
Test Date	05/03/2026	Fuel	N/A
Fuel Batch ID	--	Fuel Calibration Number	--
Vehicle Class	N/A	DF Type	EPA Assigned
Verify Test Lab ID	FEV Michigan		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	8090	Odometer Units	M
4WD Test Dyno	Yes	Diesel Adjustment Factor Usage	--
State of Charge Delta	Yes		
Drive Cycle Speed Tolerance Criteria	Used Part 86 (+/- 2 mph, +/- 1 sec)	Road Speed Fan Usage	Yes

Test Results

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (kilowatt-hour per 100 miles)
METHANE (CH4 - Methane)	0	--
CO (Carbon Monoxide)	0	--
DT-ASCR (Drive Trace Absolute Speed Change Rating)	0.143	--
DT-EER (Drive Trace Energy Economy Rating)	0.399	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	-0.025	--
MFR FE (Manufacturer Fuel Economy)	40.83	82.5495959
NOX (Nitrogen Oxide)	0	--
N2O (Nitrous Oxide)	0	--
HC-NM (Non-methane Hydrocarbon)	0	--
NMOG (Non-methane organic gases)	0	--

Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE
Carbon-Related Exhaust Emissions	0	--
Optional Carbon-Related Exhaust Emissions	0	--

Test Result Name	Unrounded Test Result	Verify Calculated CO2
Carbon dioxide	0	--

Manufacturer Test Comments

R1S - All Purpose Drive Mode, Tri Motor, Max Battery Pack, and 20in A/S wheels. Cycle 1: 408.26 Wh/mi

Certification Summary Information Report

Test Group	VRIVT00.0193	Evaporative/Refueling Family	--																
Test #	SRIV10094310	Test Procedure	77 - Multi-Cycle Test (MCT)																
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity																
Test Date	04/24/2026	Fuel	N/A																
Fuel Batch ID	--	Fuel Calibration Number	--																
Vehicle Class	N/A	DF Type	EPA Assigned																
Verify Test Lab ID	FEV Michigan																		
E10 Evaporative Test Measurement Method	--																		
Test Start Odometer Reading	7053	Odometer Units	M																
4WD Test Dyno	Yes	Diesel Adjustment Factor Usage	--																
State of Charge Delta	Yes																		
Drive Cycle Speed Tolerance Criteria	Used Part 86 (+/- 2 mph, +/- 1 sec)	Road Speed Fan Usage	Yes																
PHEV/EV Charge Depleting Test Information																			
Recharge Event Voltage	240	Recharge Event Energy (kiloWatt-hours)	163.17																
Charge Depleting Range (Calculated miles)	455.52	Charge Depleting Range (Actual miles)	455.52																
Charge Depleting Range Highway (Calculated miles)	399.61	Derived 5-Cycle Coefficient Model Year	--																
All Electric Range Unadjusted (miles)	--	Equivalent All Electric Range (miles)	455.52																
Number of Charge Depleting Bags/Phases Conducted	8	Transition Bag/Phase Number	--																
Charge Depleting Bag/Phase #1																			
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>7.46</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>1.61</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>1.04</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>2.6</td></tr><tr><td>Integrated DC KW-HRS</td><td>2.838</td></tr><tr><td>Manufacturer Fuel Economy</td><td>38.05</td></tr></table>				Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	7.46	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	1.61	Drive Trace Energy Economy Rating	1.04	Drive Trace Inertia Work Ratio Rating	2.6	Integrated DC KW-HRS	2.838	Manufacturer Fuel Economy	38.05
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	7.46																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	1.61																		
Drive Trace Energy Economy Rating	1.04																		
Drive Trace Inertia Work Ratio Rating	2.6																		
Integrated DC KW-HRS	2.838																		
Manufacturer Fuel Economy	38.05																		
Charge Depleting Bag/Phase #2																			

Charge Depleting Bag/Phase #6

Certification Summary Information Report

Test Group	VRIVT00.0193	Evaporative/Refueling Family	--																
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>10.259</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>1.2</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>0.28</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>1.57</td></tr><tr><td>Integrated DC KW-HRS</td><td>3.439</td></tr><tr><td>Manufacturer Fuel Economy</td><td>33.52</td></tr></table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	10.259	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	1.2	Drive Trace Energy Economy Rating	0.28	Drive Trace Inertia Work Ratio Rating	1.57	Integrated DC KW-HRS	3.439	Manufacturer Fuel Economy	33.52		
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	10.259																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	1.2																		
Drive Trace Energy Economy Rating	0.28																		
Drive Trace Inertia Work Ratio Rating	1.57																		
Integrated DC KW-HRS	3.439																		
Manufacturer Fuel Economy	33.52																		
Charge Depleting Bag/Phase #7																			
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>7.442</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>0.85</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>0.14</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>1.34</td></tr><tr><td>Integrated DC KW-HRS</td><td>2.206</td></tr><tr><td>Manufacturer Fuel Economy</td><td>29.64</td></tr></table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	7.442	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	0.85	Drive Trace Energy Economy Rating	0.14	Drive Trace Inertia Work Ratio Rating	1.34	Integrated DC KW-HRS	2.206	Manufacturer Fuel Economy	29.64		
Test Result/Emission Name	Unrounded Test Result																		
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Drive Trace Inertia Work Ratio Rating	1.34																		
Integrated DC KW-HRS	2.206																		
Manufacturer Fuel Economy	29.64																		
Charge Depleting Bag/Phase #8																			
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>31.187</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>99.99</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>-0.72</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>55.01</td></tr><tr><td>Integrated DC KW-HRS</td><td>13.903</td></tr><tr><td>Manufacturer Fuel Economy</td><td>44.58</td></tr></table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	31.187	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	99.99	Drive Trace Energy Economy Rating	-0.72	Drive Trace Inertia Work Ratio Rating	55.01	Integrated DC KW-HRS	13.903	Manufacturer Fuel Economy	44.58		
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	31.187																		
Carbon-Related Exhaust Emissions	0																		
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Drive Trace Energy Economy Rating	-0.72																		
Drive Trace Inertia Work Ratio Rating	55.01																		
Integrated DC KW-HRS	13.903																		
Manufacturer Fuel Economy	44.58																		
Manufacturer Test Comments		R1S - All Purpose Drive Mode, Tri Motor, Max Battery Pack, and 20in A/S wheels and tires. UDDS1: 380.47 Wh/mi, UDDS2: 314.98 Wh/mi, UDDS3: 297.36 Wh/mi, UDDS4: 296.43 Wh/mi. UDDS1 Energy: 2838.33 Wh HWY1: 358.99 Wh/mi, HWY2: 335.22 Wh/mi MCT Energy: 138709.70 Wh																	

Certification Summary Information Report

Test Group	VRIVT00.0193	Evaporative/Refueling Family	--																
Test #	SRIV10094329	Test Procedure	86 - Charge Depleting 20 Degree F FTP																
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity																
Test Date	04/28/2026	Fuel	N/A																
Fuel Batch ID	--	Fuel Calibration Number	--																
Vehicle Class	N/A	DF Type	EPA Assigned																
Verify Test Lab ID	FEV Michigan																		
E10 Evaporative Test Measurement Method	--																		
Test Start Odometer Reading	7509	Odometer Units	M																
4WD Test Dyno	Yes	Diesel Adjustment Factor Usage	--																
State of Charge Delta	Yes																		
Drive Cycle Speed Tolerance Criteria	Used Part 86 (+/- 2 mph, +/- 1 sec)	Road Speed Fan Usage	Yes																
PHEV/EV Charge Depleting Test Information																			
Recharge Event Voltage	240	Recharge Event Energy (kiloWatt-hours)	163.17																
Charge Depleting Range (Calculated miles)	14.9	Charge Depleting Range (Actual miles)	14.9																
Charge Depleting Range Highway (Calculated miles)	--	Derived 5-Cycle Coefficient Model Year	--																
All Electric Range Unadjusted (miles)	--	Equivalent All Electric Range (miles)	14.9																
Number of Charge Depleting Bags/Phases Conducted	4	Transition Bag/Phase Number	--																
Charge Depleting Bag/Phase #1																			
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>3.593</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>0.473</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>0.394</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>0.647</td></tr><tr><td>Integrated DC KW-HRS</td><td>2.119</td></tr><tr><td>Manufacturer Fuel Economy</td><td>58.97</td></tr></table>				Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	3.593	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	0.473	Drive Trace Energy Economy Rating	0.394	Drive Trace Inertia Work Ratio Rating	0.647	Integrated DC KW-HRS	2.119	Manufacturer Fuel Economy	58.97
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	3.593																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	0.473																		
Drive Trace Energy Economy Rating	0.394																		
Drive Trace Inertia Work Ratio Rating	0.647																		
Integrated DC KW-HRS	2.119																		
Manufacturer Fuel Economy	58.97																		
Charge Depleting Bag/Phase #2																			

Certification Summary Information Report

Test Group	VRIVT00.0193	Evaporative/Refueling Family	--																
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>3.864</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>1.112</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>0.237</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>1.833</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.803</td></tr><tr><td>Manufacturer Fuel Economy</td><td>46.66</td></tr></table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	3.864	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	1.112	Drive Trace Energy Economy Rating	0.237	Drive Trace Inertia Work Ratio Rating	1.833	Integrated DC KW-HRS	1.803	Manufacturer Fuel Economy	46.66		
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Integrated DC KW-HRS	1.803																		
Manufacturer Fuel Economy	46.66																		
Charge Depleting Bag/Phase #3																			
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>3.598</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>0.855</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>-0.019</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>1.061</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.683</td></tr><tr><td>Manufacturer Fuel Economy</td><td>46.76</td></tr></table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	3.598	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	0.855	Drive Trace Energy Economy Rating	-0.019	Drive Trace Inertia Work Ratio Rating	1.061	Integrated DC KW-HRS	1.683	Manufacturer Fuel Economy	46.76		
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Integrated DC KW-HRS	1.683																		
Manufacturer Fuel Economy	46.76																		
Charge Depleting Bag/Phase #4																			
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>3.833</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>0.836</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>1.177</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>1.297</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.585</td></tr><tr><td>Manufacturer Fuel Economy</td><td>41.34</td></tr></table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	3.833	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	0.836	Drive Trace Energy Economy Rating	1.177	Drive Trace Inertia Work Ratio Rating	1.297	Integrated DC KW-HRS	1.585	Manufacturer Fuel Economy	41.34		
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	3.833																		
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Drive Trace Energy Economy Rating	1.177																		
Drive Trace Inertia Work Ratio Rating	1.297																		
Integrated DC KW-HRS	1.585																		
Manufacturer Fuel Economy	41.34																		
Manufacturer Test Comments		R1S - All Purpose Drive Mode, Tri Motor, Max Battery Pack, and 20in A/S wheels. Cycle 1: 589.66 Wh/mi, Cycle 2: 466.55 Wh/mi, Cycle 3: 467.64 Wh/mi, Cycle 4: 413.40 Wh/mi,																	

Certification Summary Information Report

Test Group	VRIVT00.0193	Evaporative/Refueling Family	--						
Emission Data Vehicle Information									
Vehicle ID / Configuration	R1S351XR22 / 0	Manufacturer Vehicle Configuration Number	0						
Original Test Group Name	SRIVT00.0193	Original Evaporative/Refueling Family	--						
Original Test Vehicle Model Year	2025								
Vehicle Model									
Represented Test Vehicle Make	Rivian	Represented Test Vehicle Model	R1S Tri Max (22in)						
Leak Family Details									
Leak Family Identifier	--	Leak Family Name	--						
Drive Sources and Fuel System Details									
	<table border="1"> <tr> <th>Drive Source and Fuel#</th><th>Drive Source</th><th>Fuel</th></tr> <tr> <td>1</td><td>Electric Motor</td><td>Electricity</td></tr> </table>	Drive Source and Fuel#	Drive Source	Fuel	1	Electric Motor	Electricity		
Drive Source and Fuel#	Drive Source	Fuel							
1	Electric Motor	Electricity							
Hybrid Indicator	No								
Multiple Fuel Storage	--	Multiple Fuel Combustion	--						
Fuel Cell Indicator	No	Rechargeable Energy Storage System Indicator	Yes						
Rechargeable Energy Storage System	Battery(s)	Rechargeable Energy Storage System, if 'Other'	--						
Off-board charge Capable Indicator	Yes								
Odometer Correction -- Initial	1	Odometer Correction Factor	1						
Odometer Correction Sign	+ = System Miles is equal to (Test odometer reading * Correction factor) + Initial system miles								
Odometer Correction Units	Miles								
Engine Code	201X2SW233X1	Rated Horsepower	850						
Displacement (liters)	99.999								
Air Aspiration Method	Naturally Aspirated	Air Aspiration Method, if 'Other'	Electric						
Number of Air Aspiration Devices	--	Air Aspiration Device Configuration	--						
Charge Air Cooler Type	--	Drive Mode While Testing	4-Wheel Drive						
Shift Indicator Light Usage	Not equipped	Aged Emission Components	4,000 (mi)						
Curb Weight (lbs)	6812	Equivalent Test Weight (pounds)	7000						
GVWR (lbs)	--	N/V Ratio	999						
Axle Ratio	9.99								
Transmission Type	Automatic	# of Transmission Gears	1						
Transmission Lockup	No	Creep Gear	No						

Certification Summary Information Report

Test Group		VRIVT00.0193			Evaporative/Refueling Family		--	
Dynamometer Coefficients:								
Target Coefficients				Set Coefficients			EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients	
Coefficient Category	A (lbf)	B (lbf/mph)	C (lbf/mph**2)	A (lbf)	B (lbf/mph)	C (lbf/mph**2)		
City/Highway/Evap	45.62	0.2727	0.02222	-8.16	0.2842	0.02125	15.3	
Cold CO	50.18	0.3	0.02444	-11.65	-0.02747	0.02485	N/A	
US06	45.62	0.2727	0.02222	-8.16	0.2842	0.02125	N/A	
Emission Control Device Comments		Battery Electric Vehicle						
Manufacturer Test Vehicle Comments		R1S Tri Max (22in) - Conserve Drive Mode FDU Axle Ratio: 11.0:1 RDU Axle Ratio: 11.7:1 FDU N/V: 120.0 RDU N/V: 113.1						

Certification Summary Information Report

Test Group	VRIVT00.0193	Evaporative/Refueling Family	--
Test #	SRIV10087219	Test Procedure	2 - CVS 75 and later (w/o can. load)
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity
Test Date	06/28/2024	Fuel	Electricity
Fuel Batch ID	--	Fuel Calibration Number	--
Vehicle Class	MDPV	DF Type	EPA Assigned
Verify Test Lab ID	FEV Michigan		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	4243	Odometer Units	M
4WD Test Dyno	Yes	Diesel Adjustment Factor Usage	--
State of Charge Delta	Yes		
Drive Cycle Speed Tolerance Criteria	Used Part 86 (+/- 2 mph, +/- 1 sec)	Road Speed Fan Usage	Yes

Test Results

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (kilowatt-hour per 100 miles)
METHANE (CH4 - Methane)	0	--
CO (Carbon Monoxide)	0	--
DT-ASCR (Drive Trace Absolute Speed Change Rating)	2.79	--
DT-EER (Drive Trace Energy Economy Rating)	1.93	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	4.47	--
MFR FE (Manufacturer Fuel Economy)	24.16	139.5074503
NOX (Nitrogen Oxide)	0	--
N2O (Nitrous Oxide)	0	--
HC-NM (Non-methane Hydrocarbon)	0	--
NMOG (Non-methane organic gases)	0	--

Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE
Carbon-Related Exhaust Emissions	0	0
Optional Carbon-Related Exhaust Emissions	0	0

Test Result Name	Unrounded Test Result	Verify Calculated CO2
Carbon dioxide	0	--

Manufacturer Test Comments

R1S - Conserve Drive Mode, Tri Motor, Max Battery Pack, and 22" Sport Bright Wheels. Cycle 1: 268.96 Wh/mi, Cycle 2: 222.57 Wh/mi, Cycle 3: 260.40 Wh/mi, Cycle 4: 217.77 Wh/mi.

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Certification Summary Information Report

Test Group	VRIVT00.0193	Evaporative/Refueling Family	--
Test #	SRIV10087217	Test Procedure	3 - HWFE
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity
Test Date	06/28/2024	Fuel	N/A
Fuel Batch ID	--	Fuel Calibration Number	--
Vehicle Class	N/A	DF Type	EPA Assigned
Verify Test Lab ID	FEV Michigan		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	4243	Odometer Units	M
4WD Test Dyno	Yes	Diesel Adjustment Factor Usage	--
State of Charge Delta	Yes		
Drive Cycle Speed Tolerance Criteria	Used Part 86 (+/- 2 mph, +/- 1 sec)	Road Speed Fan Usage	Yes

Test Results

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (kilowatt-hour per 100 miles)
METHANE (CH4 - Methane)	0	--
CO (Carbon Monoxide)	0	--
DT-ASCR (Drive Trace Absolute Speed Change Rating)	3.65	--
DT-EER (Drive Trace Energy Economy Rating)	0.37	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	4.26	--
MFR FE (Manufacturer Fuel Economy)	26.9	125.2973978
NOX (Nitrogen Oxide)	0	--
N2O (Nitrous Oxide)	0	--
HC-NM (Non-methane Hydrocarbon)	0	--
NMOG (Non-methane organic gases)	0	--

Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE
Carbon-Related Exhaust Emissions	0	0
Optional Carbon-Related Exhaust Emissions	0	0

Test Result Name	Unrounded Test Result	Verify Calculated CO2
Carbon dioxide	0	--

Manufacturer Test Comments

R1S - Conserve Drive Mode, Tri Motor, Max Battery Pack, and 22" Sport Bright Wheels. Cycle 1: 269.00 Wh/mi

Certification Summary Information Report

Test Group	VRIVT00.0193	Evaporative/Refueling Family	--
Test #	SRIV10087220	Test Procedure	90 - US06
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity
Test Date	06/27/2024	Fuel	N/A
Fuel Batch ID	--	Fuel Calibration Number	--
Vehicle Class	N/A	DF Type	EPA Assigned
Verify Test Lab ID	FEV Michigan		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	4227	Odometer Units	M
4WD Test Dyno	Yes	Diesel Adjustment Factor Usage	--
State of Charge Delta	Yes		
Drive Cycle Speed Tolerance Criteria	Used Part 86 (+/- 2 mph, +/- 1 sec)	Road Speed Fan Usage	Yes

Test Results

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (kilowatt-hour per 100 miles)
METHANE (CH4 - Methane)	0	--
CO (Carbon Monoxide)	0	--
DT-ASCR (Drive Trace Absolute Speed Change Rating)	-0.92	--
DT-EER (Drive Trace Energy Economy Rating)	-0.95	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	-2.08	--
MFR FE (Manufacturer Fuel Economy)	37.16	90.7023681
NOX (Nitrogen Oxide)	0	--
N2O (Nitrous Oxide)	0	--
HC-NM (Non-methane Hydrocarbon)	0	--
NMOG (Non-methane organic gases)	0	--

Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE
Carbon-Related Exhaust Emissions	0	--
Optional Carbon-Related Exhaust Emissions	0	--

Test Result Name	Unrounded Test Result	Verify Calculated CO2
Carbon dioxide	0	--

Manufacturer Test Comments

R1S Conserve Drive Mode, Tri Motor, Max Battery Pack, and 22" Sport Bright Wheels. Cycle 1 (City1): 360.14 Wh/mi, Cycle 2 (HWY): 367.33 Wh/mi, Cycle 3 (City2): 455.29 Wh/mi

Certification Summary Information Report

Test Group	VRIVT00.0193	Evaporative/Refueling Family	--
Test #	SRIV10087218	Test Procedure	95 - SC03
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity
Test Date	06/28/2024	Fuel	N/A
Fuel Batch ID	--	Fuel Calibration Number	--
Vehicle Class	N/A	DF Type	EPA Assigned
Verify Test Lab ID	FEV Michigan		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	4269	Odometer Units	M
4WD Test Dyno	Yes	Diesel Adjustment Factor Usage	--
State of Charge Delta	Yes		
Drive Cycle Speed Tolerance Criteria	Used Part 86 (+/- 2 mph, +/- 1 sec)	Road Speed Fan Usage	Yes

Test Results

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (kilowatt-hour per 100 miles)
METHANE (CH4 - Methane)	0	--
CO (Carbon Monoxide)	0	--
DT-ASCR (Drive Trace Absolute Speed Change Rating)	2.04	--
DT-EER (Drive Trace Energy Economy Rating)	0.86	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	1.52	--
MFR FE (Manufacturer Fuel Economy)	33.77	99.8075215
NOX (Nitrogen Oxide)	0	--
N2O (Nitrous Oxide)	0	--
HC-NM (Non-methane Hydrocarbon)	0	--
NMOG (Non-methane organic gases)	0	--

Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE
Carbon-Related Exhaust Emissions	0	--
Optional Carbon-Related Exhaust Emissions	0	--

Test Result Name	Unrounded Test Result	Verify Calculated CO2
Carbon dioxide	0	--

Manufacturer Test Comments

R1S - Conserve Drive Mode, Tri Motor, Max Battery Pack, and 22" Sport Bright Wheels. Cycle 1: 337.71 Wh/mi

Certification Summary Information Report

Test Group	VRIVT00.0193	Evaporative/Refueling Family	--
Test #	SRIV10087216	Test Procedure	77 - Multi-Cycle Test (MCT)
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity
Test Date	06/21/2024	Fuel	N/A
Fuel Batch ID	--	Fuel Calibration Number	--
Vehicle Class	N/A	DF Type	EPA Assigned
Verify Test Lab ID	FEV Michigan		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	3295	Odometer Units	M
4WD Test Dyno	Yes	Diesel Adjustment Factor Usage	--
State of Charge Delta	Yes		
Drive Cycle Speed Tolerance Criteria	Used Part 86 (+/- 2 mph, +/- 1 sec)	Road Speed Fan Usage	Yes
PHEV/EV Charge Depleting Test Information			
Recharge Event Voltage	240	Recharge Event Energy (kiloWatt-hours)	163.41
Charge Depleting Range (Calculated miles)	596.3	Charge Depleting Range (Actual miles)	596.3
Charge Depleting Range Highway (Calculated miles)	517.42	Derived 5-Cycle Coefficient Model Year	--
All Electric Range Unadjusted (miles)	--	Equivalent All Electric Range (miles)	596.3
Number of Charge Depleting Bags/Phases Conducted	8	Transition Bag/Phase Number	--
Charge Depleting Bag/Phase #1			
Test Result/Emission Name		Unrounded Test Result	
Actual Distance Driven (miles)		7.463	
Carbon-Related Exhaust Emissions		0	
Drive Trace Absolute Speed Change Rating		-0.33	
Drive Trace Energy Economy Rating		-0.75	
Drive Trace Inertia Work Ratio Rating		-0.44	
Integrated DC KW-HRS		2.003	
Manufacturer Fuel Economy		26.84	
Charge Depleting Bag/Phase #2			

Certification Summary Information Report

Test Group	VRIVT00.0193	Evaporative/Refueling Family	--																
	<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>10.26</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>-0.97</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>-0.34</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>-1.22</td></tr><tr><td>Integrated DC KW-HRS</td><td>2.83</td></tr><tr><td>Manufacturer Fuel Economy</td><td>27.58</td></tr></table>	Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	10.26	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	-0.97	Drive Trace Energy Economy Rating	-0.34	Drive Trace Inertia Work Ratio Rating	-1.22	Integrated DC KW-HRS	2.83	Manufacturer Fuel Economy	27.58		
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	10.26																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	-0.97																		
Drive Trace Energy Economy Rating	-0.34																		
Drive Trace Inertia Work Ratio Rating	-1.22																		
Integrated DC KW-HRS	2.83																		
Manufacturer Fuel Economy	27.58																		
Charge Depleting Bag/Phase #3																			
	<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>7.465</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>-0.06</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>-0.51</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>-0.07</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.776</td></tr><tr><td>Manufacturer Fuel Economy</td><td>23.79</td></tr></table>	Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	7.465	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	-0.06	Drive Trace Energy Economy Rating	-0.51	Drive Trace Inertia Work Ratio Rating	-0.07	Integrated DC KW-HRS	1.776	Manufacturer Fuel Economy	23.79		
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	7.465																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	-0.06																		
Drive Trace Energy Economy Rating	-0.51																		
Drive Trace Inertia Work Ratio Rating	-0.07																		
Integrated DC KW-HRS	1.776																		
Manufacturer Fuel Economy	23.79																		
Charge Depleting Bag/Phase #4																			
	<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>332.187</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>74.63</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>-1.59</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>99.99</td></tr><tr><td>Integrated DC KW-HRS</td><td>111.778</td></tr><tr><td>Manufacturer Fuel Economy</td><td>33.65</td></tr></table>	Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	332.187	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	74.63	Drive Trace Energy Economy Rating	-1.59	Drive Trace Inertia Work Ratio Rating	99.99	Integrated DC KW-HRS	111.778	Manufacturer Fuel Economy	33.65		
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	332.187																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	74.63																		
Drive Trace Energy Economy Rating	-1.59																		
Drive Trace Inertia Work Ratio Rating	99.99																		
Integrated DC KW-HRS	111.778																		
Manufacturer Fuel Economy	33.65																		
Charge Depleting Bag/Phase #5																			
	<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>7.432</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>2.41</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>1.77</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>3.73</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.72</td></tr><tr><td>Manufacturer Fuel Economy</td><td>23.14</td></tr></table>	Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	7.432	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	2.41	Drive Trace Energy Economy Rating	1.77	Drive Trace Inertia Work Ratio Rating	3.73	Integrated DC KW-HRS	1.72	Manufacturer Fuel Economy	23.14		
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	7.432																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	2.41																		
Drive Trace Energy Economy Rating	1.77																		
Drive Trace Inertia Work Ratio Rating	3.73																		
Integrated DC KW-HRS	1.72																		
Manufacturer Fuel Economy	23.14																		
Charge Depleting Bag/Phase #6																			

Certification Summary Information Report

Test Group	VRIVT00.0193	Evaporative/Refueling Family	--																
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>10.23</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>6.27</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>2.46</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>6.61</td></tr><tr><td>Integrated DC KW-HRS</td><td>2.7</td></tr><tr><td>Manufacturer Fuel Economy</td><td>26.39</td></tr></table>				Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	10.23	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	6.27	Drive Trace Energy Economy Rating	2.46	Drive Trace Inertia Work Ratio Rating	6.61	Integrated DC KW-HRS	2.7	Manufacturer Fuel Economy	26.39
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	10.23																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	6.27																		
Drive Trace Energy Economy Rating	2.46																		
Drive Trace Inertia Work Ratio Rating	6.61																		
Integrated DC KW-HRS	2.7																		
Manufacturer Fuel Economy	26.39																		
Charge Depleting Bag/Phase #7																			
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>7.442</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>2.22</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>1.59</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>3.22</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.724</td></tr><tr><td>Manufacturer Fuel Economy</td><td>23.16</td></tr></table>				Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	7.442	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	2.22	Drive Trace Energy Economy Rating	1.59	Drive Trace Inertia Work Ratio Rating	3.22	Integrated DC KW-HRS	1.724	Manufacturer Fuel Economy	23.16
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	7.442																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	2.22																		
Drive Trace Energy Economy Rating	1.59																		
Drive Trace Inertia Work Ratio Rating	3.22																		
Integrated DC KW-HRS	1.724																		
Manufacturer Fuel Economy	23.16																		
Charge Depleting Bag/Phase #8																			
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>44.487</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>99.99</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>-0.24</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>94.11</td></tr><tr><td>Integrated DC KW-HRS</td><td>15.105</td></tr><tr><td>Manufacturer Fuel Economy</td><td>33.95</td></tr></table>				Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	44.487	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	99.99	Drive Trace Energy Economy Rating	-0.24	Drive Trace Inertia Work Ratio Rating	94.11	Integrated DC KW-HRS	15.105	Manufacturer Fuel Economy	33.95
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	44.487																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	99.99																		
Drive Trace Energy Economy Rating	-0.24																		
Drive Trace Inertia Work Ratio Rating	94.11																		
Integrated DC KW-HRS	15.105																		
Manufacturer Fuel Economy	33.95																		
Manufacturer Test Comments	R1S - Conserve Drive Mode, Tri Motor, Max Battery Pack, and 22" Sport Bright wheels. UDDS1: 268.43 Wh/mi, UDDS2: 237.95 Wh/mi, UDDS3: 231.43 Wh/mi, UDDS4: 231.63 Wh/mi. UDDS1 Energy: 2003.34 Wh HWY1: 275.80 Wh/mi, HWY2: 263.94 Wh/mi MCT Energy: 139635.55 Wh																		

Certification Summary Information Report

Test Group	VRIVT00.0193	Evaporative/Refueling Family	--
Test #	SRIV10087221	Test Procedure	86 - Charge Depleting 20 Degree F FTP
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity
Test Date	07/02/2024	Fuel	N/A
Fuel Batch ID	--	Fuel Calibration Number	--
Vehicle Class	N/A	DF Type	EPA Assigned
Verify Test Lab ID	FEV Michigan		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	4276	Odometer Units	M
4WD Test Dyno	Yes	Diesel Adjustment Factor Usage	--
State of Charge Delta	Yes		
Drive Cycle Speed Tolerance Criteria	Used Part 86 (+/- 2 mph, +/- 1 sec)	Road Speed Fan Usage	Yes
PHEV/EV Charge Depleting Test Information			
Recharge Event Voltage	240	Recharge Event Energy (kiloWatt-hours)	163.41
Charge Depleting Range (Calculated miles)	14.9	Charge Depleting Range (Actual miles)	14.9
Charge Depleting Range Highway (Calculated miles)	--	Derived 5-Cycle Coefficient Model Year	--
All Electric Range Unadjusted (miles)	--	Equivalent All Electric Range (miles)	14.9
Number of Charge Depleting Bags/Phases Conducted	4	Transition Bag/Phase Number	--
Charge Depleting Bag/Phase #1			
Test Result/Emission Name		Unrounded Test Result	
Actual Distance Driven (miles)		3.59	
Carbon-Related Exhaust Emissions		0	
Drive Trace Absolute Speed Change Rating		-0.65	
Drive Trace Energy Economy Rating		-0.39	
Drive Trace Inertia Work Ratio Rating		-1.35	
Integrated DC KW-HRS		1.859	
Manufacturer Fuel Economy		51.8	
Charge Depleting Bag/Phase #2			

Certification Summary Information Report

Test Group	VRIVT00.0193	Evaporative/Refueling Family	--																
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>3.85</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>-0.88</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>-0.99</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>-0.59</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.582</td></tr><tr><td>Manufacturer Fuel Economy</td><td>41.08</td></tr></table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	3.85	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	-0.88	Drive Trace Energy Economy Rating	-0.99	Drive Trace Inertia Work Ratio Rating	-0.59	Integrated DC KW-HRS	1.582	Manufacturer Fuel Economy	41.08		
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	3.85																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	-0.88																		
Drive Trace Energy Economy Rating	-0.99																		
Drive Trace Inertia Work Ratio Rating	-0.59																		
Integrated DC KW-HRS	1.582																		
Manufacturer Fuel Economy	41.08																		
Charge Depleting Bag/Phase #3																			
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>3.585</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>-0.53</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>-1.36</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>-0.62</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.426</td></tr><tr><td>Manufacturer Fuel Economy</td><td>39.78</td></tr></table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	3.585	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	-0.53	Drive Trace Energy Economy Rating	-1.36	Drive Trace Inertia Work Ratio Rating	-0.62	Integrated DC KW-HRS	1.426	Manufacturer Fuel Economy	39.78		
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	3.585																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	-0.53																		
Drive Trace Energy Economy Rating	-1.36																		
Drive Trace Inertia Work Ratio Rating	-0.62																		
Integrated DC KW-HRS	1.426																		
Manufacturer Fuel Economy	39.78																		
Charge Depleting Bag/Phase #4																			
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>3.836</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>-0.35</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>-0.49</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>-0.26</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.34</td></tr><tr><td>Manufacturer Fuel Economy</td><td>34.94</td></tr></table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	3.836	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	-0.35	Drive Trace Energy Economy Rating	-0.49	Drive Trace Inertia Work Ratio Rating	-0.26	Integrated DC KW-HRS	1.34	Manufacturer Fuel Economy	34.94		
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	3.836																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	-0.35																		
Drive Trace Energy Economy Rating	-0.49																		
Drive Trace Inertia Work Ratio Rating	-0.26																		
Integrated DC KW-HRS	1.34																		
Manufacturer Fuel Economy	34.94																		
Manufacturer Test Comments		R1S - Conserve Drive Mode, Tri Motor, Max Battery Pack, and 22" Sport Bright Wheels. Cycle 1: 517.98 Wh/mi, Cycle 2: 410.80 Wh/mi, Cycle 3: 397.78 Wh/mi, Cycle 4: 349.45 Wh/mi,																	

Certification Summary Information Report

Test Group	VRIVT00.0193	Evaporative/Refueling Family	--						
Emission Data Vehicle Information									
Vehicle ID / Configuration	R1S351XR22 / 1	Manufacturer Vehicle Configuration Number	0						
Original Test Group Name	SRIVT00.0193	Original Evaporative/Refueling Family	--						
Original Test Vehicle Model Year	2025								
Vehicle Model									
Represented Test Vehicle Make	Rivian	Represented Test Vehicle Model	R1S Tri Max (22in)						
Leak Family Details									
Leak Family Identifier	--	Leak Family Name	--						
Drive Sources and Fuel System Details									
	<table border="1"> <tr> <th>Drive Source and Fuel#</th><th>Drive Source</th><th>Fuel</th></tr> <tr> <td>1</td><td>Electric Motor</td><td>Electricity</td></tr> </table>	Drive Source and Fuel#	Drive Source	Fuel	1	Electric Motor	Electricity		
Drive Source and Fuel#	Drive Source	Fuel							
1	Electric Motor	Electricity							
Hybrid Indicator	No								
Multiple Fuel Storage	--	Multiple Fuel Combustion	--						
Fuel Cell Indicator	No	Rechargeable Energy Storage System Indicator	Yes						
Rechargeable Energy Storage System	Battery(s)	Rechargeable Energy Storage System, if 'Other'	--						
Off-board charge Capable Indicator	Yes								
Odometer Correction -- Initial	1	Odometer Correction Factor	1						
Odometer Correction Sign	+ = System Miles is equal to (Test odometer reading * Correction factor) + Initial system miles								
Odometer Correction Units	Miles								
Engine Code	201X2SW233X1	Rated Horsepower	850						
Displacement (liters)	99.999								
Air Aspiration Method	Naturally Aspirated	Air Aspiration Method, if 'Other'	Electric						
Number of Air Aspiration Devices	--	Air Aspiration Device Configuration	--						
Charge Air Cooler Type	--	Drive Mode While Testing	4-Wheel Drive						
Shift Indicator Light Usage	Not equipped	Aged Emission Components	4,000 (mi)						
Curb Weight (lbs)	6812	Equivalent Test Weight (pounds)	7000						
GVWR (lbs)	--	N/V Ratio	999						
Axle Ratio	9.99								
Transmission Type	Automatic	# of Transmission Gears	1						
Transmission Lockup	No	Creep Gear	No						

Certification Summary Information Report

Test Group		VRIVT00.0193			Evaporative/Refueling Family		--	
Dynamometer Coefficients:								
Target Coefficients				Set Coefficients			EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients	
Coefficient Category	A (lbf)	B (lbf/mph)	C (lbf/mph**2)	A (lbf)	B (lbf/mph)	C (lbf/mph**2)		
City/Highway/Evap	45.62	0.2727	0.02222	-8.16	0.2842	0.02125	15.3	
Cold CO	50.18	0.3	0.02444	-11.65	-0.02747	0.02485	N/A	
US06	45.62	0.2727	0.02222	-8.16	0.2842	0.02125	N/A	
Emission Control Device Comments		Battery Electric Vehicle						
Manufacturer Test Vehicle Comments		R1S Tri Max (22in) - All Purpose Drive Mode FDU Axle Ratio: 11.0:1 RDU Axle Ratio: 11.7:1 FDU N/V: 120.0 RDU N/V: 113.1						

Certification Summary Information Report

Test Group	VRIVT00.0193	Evaporative/Refueling Family	--
Test #	SRIV10087223	Test Procedure	2 - CVS 75 and later (w/o can. load)
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity
Test Date	07/16/2024	Fuel	Electricity
Fuel Batch ID	--	Fuel Calibration Number	--
Vehicle Class	MDPV	DF Type	EPA Assigned
Verify Test Lab ID	FEV Michigan		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	4794	Odometer Units	M
4WD Test Dyno	Yes	Diesel Adjustment Factor Usage	--
State of Charge Delta	Yes		
Drive Cycle Speed Tolerance Criteria	Used Part 86 (+/- 2 mph, +/- 1 sec)	Road Speed Fan Usage	Yes

Test Results

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (kilowatt-hour per 100 miles)
METHANE (CH4 - Methane)	0	--
CO (Carbon Monoxide)	0	--
DT-ASCR (Drive Trace Absolute Speed Change Rating)	1.17	--
DT-EER (Drive Trace Energy Economy Rating)	0.75	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	1.92	--
MFR FE (Manufacturer Fuel Economy)	28.82	116.9500347
NOX (Nitrogen Oxide)	0	--
N2O (Nitrous Oxide)	0	--
HC-NM (Non-methane Hydrocarbon)	0	--
NMOG (Non-methane organic gases)	0	--

Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE
Carbon-Related Exhaust Emissions	0	0
Optional Carbon-Related Exhaust Emissions	0	0

Test Result Name	Unrounded Test Result	Verify Calculated CO2
Carbon dioxide	0	--

Manufacturer Test Comments

R1S - All Purpose Drive Mode, Tri Motor, Max Battery Pack, and 22" Sport Bright Wheels. Cycle 1: 323.82 Wh/mi, Cycle 2: 265.49 Wh/mi, Cycle 3: 309.28 Wh/mi, Cycle 4: 257.94 Wh/mi.

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Certification Summary Information Report

Test Group	VRIVT00.0193	Evaporative/Refueling Family	--
Test #	SRIV10087224	Test Procedure	3 - HWFE
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity
Test Date	07/16/2024	Fuel	N/A
Fuel Batch ID	--	Fuel Calibration Number	--
Vehicle Class	N/A	DF Type	EPA Assigned
Verify Test Lab ID	FEV Michigan		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	4794	Odometer Units	M
4WD Test Dyno	Yes	Diesel Adjustment Factor Usage	--
State of Charge Delta	Yes		
Drive Cycle Speed Tolerance Criteria	Used Part 86 (+/- 2 mph, +/- 1 sec)	Road Speed Fan Usage	Yes

Test Results

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (kilowatt-hour per 100 miles)
METHANE (CH4 - Methane)	0	--
CO (Carbon Monoxide)	0	--
DT-ASCR (Drive Trace Absolute Speed Change Rating)	3.91	--
DT-EER (Drive Trace Energy Economy Rating)	-0.16	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	4.81	--
MFR FE (Manufacturer Fuel Economy)	31.91	105.6251959
NOX (Nitrogen Oxide)	0	--
N2O (Nitrous Oxide)	0	--
HC-NM (Non-methane Hydrocarbon)	0	--
NMOG (Non-methane organic gases)	0	--

Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE
Carbon-Related Exhaust Emissions	0	0
Optional Carbon-Related Exhaust Emissions	0	0

Test Result Name	Unrounded Test Result	Verify Calculated CO2
Carbon dioxide	0	--

Manufacturer Test Comments

R1S - All Purpose Drive Mode, Tri Motor, Max Battery Pack, and 22" Sport Bright Wheels. Cycle 1: 319.06 Wh/mi

Certification Summary Information Report

Test Group	VRIVT00.0193	Evaporative/Refueling Family	--
Test #	SRIV10087225	Test Procedure	90 - US06
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity
Test Date	07/18/2024	Fuel	N/A
Fuel Batch ID	--	Fuel Calibration Number	--
Vehicle Class	N/A	DF Type	EPA Assigned
Verify Test Lab ID	FEV Michigan		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	4834	Odometer Units	M
4WD Test Dyno	Yes	Diesel Adjustment Factor Usage	--
State of Charge Delta	Yes		
Drive Cycle Speed Tolerance Criteria	Used Part 86 (+/- 2 mph, +/- 1 sec)	Road Speed Fan Usage	Yes

Test Results

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (kilowatt-hour per 100 miles)
METHANE (CH4 - Methane)	0	--
CO (Carbon Monoxide)	0	--
DT-ASCR (Drive Trace Absolute Speed Change Rating)	0.09	--
DT-EER (Drive Trace Energy Economy Rating)	-0.63	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	-0.15	--
MFR FE (Manufacturer Fuel Economy)	41.46	81.2952243
NOX (Nitrogen Oxide)	0	--
N2O (Nitrous Oxide)	0	--
HC-NM (Non-methane Hydrocarbon)	0	--
NMOG (Non-methane organic gases)	0	--

Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE
Carbon-Related Exhaust Emissions	0	--
Optional Carbon-Related Exhaust Emissions	0	--

Test Result Name	Unrounded Test Result	Verify Calculated CO2
Carbon dioxide	0	--

Manufacturer Test Comments

R1S All Purpose Drive Mode, Tri Motor, Max Battery Pack, and 22" Sport Bright Wheels. Cycle 1 (City1): 396.19 Wh/mi, Cycle 2 (HWY): 415.69 Wh/mi, Cycle 3 (City2): 448.65 Wh/mi

Certification Summary Information Report

Test Group	VRIVT00.0193	Evaporative/Refueling Family	--
Test #	SRIV10087226	Test Procedure	95 - SC03
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity
Test Date	07/18/2024	Fuel	N/A
Fuel Batch ID	--	Fuel Calibration Number	--
Vehicle Class	N/A	DF Type	EPA Assigned
Verify Test Lab ID	FEV Michigan		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	4850	Odometer Units	M
4WD Test Dyno	Yes	Diesel Adjustment Factor Usage	--
State of Charge Delta	Yes		
Drive Cycle Speed Tolerance Criteria	Used Part 86 (+/- 2 mph, +/- 1 sec)	Road Speed Fan Usage	Yes

Test Results

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (kilowatt-hour per 100 miles)
METHANE (CH4 - Methane)	0	--
CO (Carbon Monoxide)	0	--
DT-ASCR (Drive Trace Absolute Speed Change Rating)	1.34	--
DT-EER (Drive Trace Energy Economy Rating)	0.68	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	1.33	--
MFR FE (Manufacturer Fuel Economy)	37.18	90.6535772
NOX (Nitrogen Oxide)	0	--
N2O (Nitrous Oxide)	0	--
HC-NM (Non-methane Hydrocarbon)	0	--
NMOG (Non-methane organic gases)	0	--

Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE
Carbon-Related Exhaust Emissions	0	--
Optional Carbon-Related Exhaust Emissions	0	--

Test Result Name	Unrounded Test Result	Verify Calculated CO2
Carbon dioxide	0	--

Manufacturer Test Comments

R1S - All Purpose Drive Mode, Tri Motor, Max Battery Pack, and 22" Sport Bright Wheels. Cycle 1: 371.83 Wh/mi

Certification Summary Information Report

Test Group	VRIVT00.0193	Evaporative/Refueling Family	--																
Test #	SRIV10087222	Test Procedure	77 - Multi-Cycle Test (MCT)																
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity																
Test Date	07/11/2024	Fuel	N/A																
Fuel Batch ID	--	Fuel Calibration Number	--																
Vehicle Class	N/A	DF Type	EPA Assigned																
Verify Test Lab ID	FEV Michigan																		
E10 Evaporative Test Measurement Method	--																		
Test Start Odometer Reading	4298	Odometer Units	M																
4WD Test Dyno	Yes	Diesel Adjustment Factor Usage	--																
State of Charge Delta	Yes																		
Drive Cycle Speed Tolerance Criteria	Used Part 86 (+/- 2 mph, +/- 1 sec)	Road Speed Fan Usage	Yes																
PHEV/EV Charge Depleting Test Information																			
Recharge Event Voltage	240	Recharge Event Energy (kiloWatt-hours)	163.75																
Charge Depleting Range (Calculated miles)	512.64	Charge Depleting Range (Actual miles)	512.64																
Charge Depleting Range Highway (Calculated miles)	439.8	Derived 5-Cycle Coefficient Model Year	--																
All Electric Range Unadjusted (miles)	--	Equivalent All Electric Range (miles)	512.64																
Number of Charge Depleting Bags/Phases Conducted	8	Transition Bag/Phase Number	--																
Charge Depleting Bag/Phase #1																			
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>7.433</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>-0.63</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>-0.99</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>-1.01</td></tr><tr><td>Integrated DC KW-HRS</td><td>2.335</td></tr><tr><td>Manufacturer Fuel Economy</td><td>31.41</td></tr></table>				Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	7.433	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	-0.63	Drive Trace Energy Economy Rating	-0.99	Drive Trace Inertia Work Ratio Rating	-1.01	Integrated DC KW-HRS	2.335	Manufacturer Fuel Economy	31.41
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	7.433																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	-0.63																		
Drive Trace Energy Economy Rating	-0.99																		
Drive Trace Inertia Work Ratio Rating	-1.01																		
Integrated DC KW-HRS	2.335																		
Manufacturer Fuel Economy	31.41																		
Charge Depleting Bag/Phase #2																			

Certification Summary Information Report

Test Group	VRIVT00.0193	Evaporative/Refueling Family	--																
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>10.256</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>1.79</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>0.14</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>2.57</td></tr><tr><td>Integrated DC KW-HRS</td><td>3.136</td></tr><tr><td>Manufacturer Fuel Economy</td><td>30.57</td></tr></table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	10.256	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	1.79	Drive Trace Energy Economy Rating	0.14	Drive Trace Inertia Work Ratio Rating	2.57	Integrated DC KW-HRS	3.136	Manufacturer Fuel Economy	30.57		
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	10.256																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	1.79																		
Drive Trace Energy Economy Rating	0.14																		
Drive Trace Inertia Work Ratio Rating	2.57																		
Integrated DC KW-HRS	3.136																		
Manufacturer Fuel Economy	30.57																		
Charge Depleting Bag/Phase #7																			
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>7.453</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>1.35</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>1.07</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>2.16</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.994</td></tr><tr><td>Manufacturer Fuel Economy</td><td>26.75</td></tr></table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	7.453	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	1.35	Drive Trace Energy Economy Rating	1.07	Drive Trace Inertia Work Ratio Rating	2.16	Integrated DC KW-HRS	1.994	Manufacturer Fuel Economy	26.75		
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	7.453																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	1.35																		
Drive Trace Energy Economy Rating	1.07																		
Drive Trace Inertia Work Ratio Rating	2.16																		
Integrated DC KW-HRS	1.994																		
Manufacturer Fuel Economy	26.75																		
Charge Depleting Bag/Phase #8																			
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>24.632</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>99.99</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>-0.64</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>33.99</td></tr><tr><td>Integrated DC KW-HRS</td><td>10.086</td></tr><tr><td>Manufacturer Fuel Economy</td><td>40.94</td></tr></table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	24.632	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	99.99	Drive Trace Energy Economy Rating	-0.64	Drive Trace Inertia Work Ratio Rating	33.99	Integrated DC KW-HRS	10.086	Manufacturer Fuel Economy	40.94		
Test Result/Emission Name	Unrounded Test Result																		
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Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	99.99																		
Drive Trace Energy Economy Rating	-0.64																		
Drive Trace Inertia Work Ratio Rating	33.99																		
Integrated DC KW-HRS	10.086																		
Manufacturer Fuel Economy	40.94																		
Manufacturer Test Comments		R1S - All Purpose Drive Mode, Tri Motor, Max Battery Pack, and 22" Sport Bright wheels. UDDS1: 314.13 Wh/mi, UDDS2: 282.29 Wh/mi, UDDS3: 264.99 Wh/mi, UDDS4: 267.52 Wh/mi. UDDS1 Energy: 2335.09 Wh HWY1: 329.00 Wh/mi, HWY2: 305.74 Wh/mi MCT Energy: 139597.89 Wh																	

Certification Summary Information Report

Test Group	VRIVT00.0193	Evaporative/Refueling Family	--																
Test #	SRIV10087227	Test Procedure	86 - Charge Depleting 20 Degree F FTP																
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity																
Test Date	07/17/2024	Fuel	N/A																
Fuel Batch ID	--	Fuel Calibration Number	--																
Vehicle Class	N/A	DF Type	EPA Assigned																
Verify Test Lab ID	FEV Michigan																		
E10 Evaporative Test Measurement Method	--																		
Test Start Odometer Reading	4276	Odometer Units	M																
4WD Test Dyno	Yes	Diesel Adjustment Factor Usage	--																
State of Charge Delta	Yes																		
Drive Cycle Speed Tolerance Criteria	Used Part 86 (+/- 2 mph, +/- 1 sec)	Road Speed Fan Usage	Yes																
PHEV/EV Charge Depleting Test Information																			
Recharge Event Voltage	240	Recharge Event Energy (kiloWatt-hours)	163.41																
Charge Depleting Range (Calculated miles)	14.9	Charge Depleting Range (Actual miles)	14.9																
Charge Depleting Range Highway (Calculated miles)	--	Derived 5-Cycle Coefficient Model Year	--																
All Electric Range Unadjusted (miles)	--	Equivalent All Electric Range (miles)	14.9																
Number of Charge Depleting Bags/Phases Conducted	4	Transition Bag/Phase Number	--																
Charge Depleting Bag/Phase #1																			
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>3.59</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>0.4</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>-0.09</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>0.68</td></tr><tr><td>Integrated DC KW-HRS</td><td>2.09</td></tr><tr><td>Manufacturer Fuel Economy</td><td>58.23</td></tr></table>				Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	3.59	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	0.4	Drive Trace Energy Economy Rating	-0.09	Drive Trace Inertia Work Ratio Rating	0.68	Integrated DC KW-HRS	2.09	Manufacturer Fuel Economy	58.23
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	3.59																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	0.4																		
Drive Trace Energy Economy Rating	-0.09																		
Drive Trace Inertia Work Ratio Rating	0.68																		
Integrated DC KW-HRS	2.09																		
Manufacturer Fuel Economy	58.23																		
Charge Depleting Bag/Phase #2																			

Certification Summary Information Report

Test Group	VRIVT00.0193	Evaporative/Refueling Family	--																
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>3.86</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>0.71</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>0.16</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>1.19</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.831</td></tr><tr><td>Manufacturer Fuel Economy</td><td>47.43</td></tr></table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	3.86	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	0.71	Drive Trace Energy Economy Rating	0.16	Drive Trace Inertia Work Ratio Rating	1.19	Integrated DC KW-HRS	1.831	Manufacturer Fuel Economy	47.43		
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	3.86																		
Carbon-Related Exhaust Emissions	0																		
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Drive Trace Energy Economy Rating	0.16																		
Drive Trace Inertia Work Ratio Rating	1.19																		
Integrated DC KW-HRS	1.831																		
Manufacturer Fuel Economy	47.43																		
Charge Depleting Bag/Phase #3																			
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>3.592</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>1.24</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>0.93</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>1.87</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.651</td></tr><tr><td>Manufacturer Fuel Economy</td><td>45.97</td></tr></table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	3.592	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	1.24	Drive Trace Energy Economy Rating	0.93	Drive Trace Inertia Work Ratio Rating	1.87	Integrated DC KW-HRS	1.651	Manufacturer Fuel Economy	45.97		
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	3.592																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	1.24																		
Drive Trace Energy Economy Rating	0.93																		
Drive Trace Inertia Work Ratio Rating	1.87																		
Integrated DC KW-HRS	1.651																		
Manufacturer Fuel Economy	45.97																		
Charge Depleting Bag/Phase #4																			
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>3.864</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>0.97</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>0.21</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>1.64</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.529</td></tr><tr><td>Manufacturer Fuel Economy</td><td>39.56</td></tr></table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	3.864	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	0.97	Drive Trace Energy Economy Rating	0.21	Drive Trace Inertia Work Ratio Rating	1.64	Integrated DC KW-HRS	1.529	Manufacturer Fuel Economy	39.56		
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	3.864																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	0.97																		
Drive Trace Energy Economy Rating	0.21																		
Drive Trace Inertia Work Ratio Rating	1.64																		
Integrated DC KW-HRS	1.529																		
Manufacturer Fuel Economy	39.56																		
Manufacturer Test Comments		R1S - All Purpose Drive Mode, Tri Motor, Max Battery Pack, and 22" Sport Bright Wheels. Cycle 1: 582.32 Wh/mi, Cycle 2: 474.26 Wh/mi, Cycle 3: 459.68 Wh/mi, Cycle 4: 395.60 Wh/mi,																	

Certification Summary Information Report

Test Group	VRIVT00.0193	Evaporative/Refueling Family	--						
Emission Data Vehicle Information									
Vehicle ID / Configuration	R1T358XR20AT / 0	Manufacturer Vehicle Configuration Number	0						
Original Test Group Name	SRIVT00.0193	Original Evaporative/Refueling Family	--						
Original Test Vehicle Model Year	2025								
Vehicle Model									
Represented Test Vehicle Make	Rivian	Represented Test Vehicle Model	R1T All-Terrain Tri Max (20in)						
Leak Family Details									
Leak Family Identifier	--	Leak Family Name	--						
Drive Sources and Fuel System Details									
	<table border="1"> <tr> <th>Drive Source and Fuel#</th><th>Drive Source</th><th>Fuel</th></tr> <tr> <td>1</td><td>Electric Motor</td><td>Electricity</td></tr> </table>	Drive Source and Fuel#	Drive Source	Fuel	1	Electric Motor	Electricity		
Drive Source and Fuel#	Drive Source	Fuel							
1	Electric Motor	Electricity							
Hybrid Indicator	No								
Multiple Fuel Storage	--	Multiple Fuel Combustion	--						
Fuel Cell Indicator	No	Rechargeable Energy Storage System Indicator	Yes						
Rechargeable Energy Storage System	Battery(s)	Rechargeable Energy Storage System, if 'Other'	--						
Off-board charge Capable Indicator	Yes								
Odometer Correction -- Initial	1	Odometer Correction Factor	1						
Odometer Correction Sign	+ = System Miles is equal to (Test odometer reading * Correction factor) + Initial system miles								
Odometer Correction Units	Miles								
Engine Code	201X2SW233X1	Rated Horsepower	850						
Displacement (liters)	99.999								
Air Aspiration Method	Naturally Aspirated	Air Aspiration Method, if 'Other'	Electric						
Number of Air Aspiration Devices	--	Air Aspiration Device Configuration	--						
Charge Air Cooler Type	--	Drive Mode While Testing	4-Wheel Drive						
Shift Indicator Light Usage	Not equipped	Aged Emission Components	4,000 (mi)						
Curb Weight (lbs)	6952	Equivalent Test Weight (pounds)	7500						
GVWR (lbs)	--	N/V Ratio	999						
Axle Ratio	9.99								
Transmission Type	Automatic	# of Transmission Gears	1						
Transmission Lockup	No	Creep Gear	No						

Certification Summary Information Report

Test Group		VRIVT00.0193			Evaporative/Refueling Family		--	
Dynamometer Coefficients:								
Target Coefficients				Set Coefficients			EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients	
Coefficient Category	A (lbf)	B (lbf/mph)	C (lbf/mph**2)	A (lbf)	B (lbf/mph)	C (lbf/mph**2)		
City/Highway/Evap	57.27	0.5062	0.02077	-12.35	0.2486	0.0214	17.9	
Cold CO	63	0.5568	0.02285	-22.79	0.2746	0.02198	N/A	
US06	57.27	0.5062	0.02077	-12.35	0.2486	0.0214	N/A	
Emission Control Device Comments		Battery Electric Vehicle						
Manufacturer Test Vehicle Comments		R1T All-Terrain Tri Max (20in) - Conserve Drive Mode FDU Axle Ratio: 11.0:1 RDU Axle Ratio: 11.7:1 FDU N/V: 115.4 RDU N/V: 108.8						

Certification Summary Information Report

Test Group	VRIVT00.0193	Evaporative/Refueling Family	--
Test #	SRIV10087309	Test Procedure	2 - CVS 75 and later (w/o can. load)
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity
Test Date	07/15/2024	Fuel	Electricity
Fuel Batch ID	--	Fuel Calibration Number	--
Vehicle Class	MDPV	DF Type	EPA Assigned
Verify Test Lab ID	FEV Michigan		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	4063	Odometer Units	M
4WD Test Dyno	Yes	Diesel Adjustment Factor Usage	--
State of Charge Delta	Yes		
Drive Cycle Speed Tolerance Criteria	Used Part 86 (+/- 2 mph, +/- 1 sec)	Road Speed Fan Usage	Yes

Test Results

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (kilowatt-hour per 100 miles)
METHANE (CH4 - Methane)	0	--
CO (Carbon Monoxide)	0	--
DT-ASCR (Drive Trace Absolute Speed Change Rating)	1.94	--
DT-EER (Drive Trace Energy Economy Rating)	1.41	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	3.17	--
MFR FE (Manufacturer Fuel Economy)	28.49	118.3046683
NOX (Nitrogen Oxide)	0	--
N2O (Nitrous Oxide)	0	--
HC-NM (Non-methane Hydrocarbon)	0	--
NMOG (Non-methane organic gases)	0	--

Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE
Carbon-Related Exhaust Emissions	0	0
Optional Carbon-Related Exhaust Emissions	0	0

Test Result Name	Unrounded Test Result	Verify Calculated CO2
Carbon dioxide	0	--

Manufacturer Test Comments

R1T - Conserve Drive Mode, Tri Motor, Max Battery Pack, and 20" All-Terrain Wheels. Cycle 1: 319.07 Wh/mi, Cycle 2: 262.77 Wh/mi, Cycle 3: 304.71 Wh/mi, Cycle 4: 256.64 Wh/mi.

Certification Summary Information Report

Test Group		VRIVT00.0193			Evaporative/Refueling Family					--		
Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	RAF	NMOG/NM HC Ratio	Diesel Adjustment Factor	Add DF	Mult DF	Certification Level	Standard	Pass/Fail
Fed	150,000 miles	Federal Tier 4 Bin 0	CO	0.0	--	--	--	0	--	0	0	Pass
CA	150,000 miles	California ZEV	CO	0.0	--	--	--	0	--	0	0	Pass

Certification Summary Information Report

Test Group	VRIVT00.0193	Evaporative/Refueling Family	--
Test #	SRIV10087303	Test Procedure	3 - HWFE
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity
Test Date	07/15/2024	Fuel	N/A
Fuel Batch ID	--	Fuel Calibration Number	--
Vehicle Class	N/A	DF Type	EPA Assigned
Verify Test Lab ID	FEV Michigan		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	4063	Odometer Units	M
4WD Test Dyno	Yes	Diesel Adjustment Factor Usage	--
State of Charge Delta	Yes		
Drive Cycle Speed Tolerance Criteria	Used Part 86 (+/- 2 mph, +/- 1 sec)	Road Speed Fan Usage	Yes

Test Results

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (kilowatt-hour per 100 miles)
METHANE (CH4 - Methane)	0	--
CO (Carbon Monoxide)	0	--
DT-ASCR (Drive Trace Absolute Speed Change Rating)	5.22	--
DT-EER (Drive Trace Energy Economy Rating)	1.98	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	6.44	--
MFR FE (Manufacturer Fuel Economy)	30.81	109.3962999
NOX (Nitrogen Oxide)	0	--
N2O (Nitrous Oxide)	0	--
HC-NM (Non-methane Hydrocarbon)	0	--
NMOG (Non-methane organic gases)	0	--

Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE
Carbon-Related Exhaust Emissions	0	0
Optional Carbon-Related Exhaust Emissions	0	0

Test Result Name	Unrounded Test Result	Verify Calculated CO2
Carbon dioxide	0	--

Manufacturer Test Comments

R1T - Conserve Drive Mode, Tri Motor, Max Battery Pack, and 20" All-Terrain Wheels. Cycle 1: 308.05 Wh/mi

Certification Summary Information Report

Test Group	VRIVT00.0193	Evaporative/Refueling Family	--
Test #	SRIV10087311	Test Procedure	90 - US06
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity
Test Date	07/11/2024	Fuel	N/A
Fuel Batch ID	--	Fuel Calibration Number	--
Vehicle Class	N/A	DF Type	EPA Assigned
Verify Test Lab ID	FEV Michigan		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	3998	Odometer Units	M
4WD Test Dyno	Yes	Diesel Adjustment Factor Usage	--
State of Charge Delta	Yes		
Drive Cycle Speed Tolerance Criteria	Used Part 86 (+/- 2 mph, +/- 1 sec)	Road Speed Fan Usage	Yes

Test Results

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (kilowatt-hour per 100 miles)
METHANE (CH4 - Methane)	0	--
CO (Carbon Monoxide)	0	--
DT-ASCR (Drive Trace Absolute Speed Change Rating)	-2.84	--
DT-EER (Drive Trace Energy Economy Rating)	-2.16	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	-5.19	--
MFR FE (Manufacturer Fuel Economy)	41.44	81.3344595
NOX (Nitrogen Oxide)	0	--
N2O (Nitrous Oxide)	0	--
HC-NM (Non-methane Hydrocarbon)	0	--
NMOG (Non-methane organic gases)	0	--

Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE
Carbon-Related Exhaust Emissions	0	--
Optional Carbon-Related Exhaust Emissions	0	--

Test Result Name	Unrounded Test Result	Verify Calculated CO2
Carbon dioxide	0	--

Manufacturer Test Comments

R1T Conserve Drive Mode, Tri Motor, Max Battery Pack, and 20" All-Terrain Wheels. Cycle 1 (City1): 405.34 Wh/mi, Cycle 2 (HWY): 410.14 Wh/mi, Cycle 3 (City2): 490.87 Wh/mi

Certification Summary Information Report

Test Group	VRIVT00.0193	Evaporative/Refueling Family	--
Test #	SRIV10087310	Test Procedure	95 - SC03
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity
Test Date	07/13/2024	Fuel	N/A
Fuel Batch ID	--	Fuel Calibration Number	--
Vehicle Class	N/A	DF Type	EPA Assigned
Verify Test Lab ID	FEV Michigan		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	4015	Odometer Units	M
4WD Test Dyno	Yes	Diesel Adjustment Factor Usage	--
State of Charge Delta	Yes		
Drive Cycle Speed Tolerance Criteria	Used Part 86 (+/- 2 mph, +/- 1 sec)	Road Speed Fan Usage	Yes

Test Results

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (kilowatt-hour per 100 miles)
METHANE (CH4 - Methane)	0	--
CO (Carbon Monoxide)	0	--
DT-ASCR (Drive Trace Absolute Speed Change Rating)	-0.58	--
DT-EER (Drive Trace Energy Economy Rating)	-0.55	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	-0.2	--
MFR FE (Manufacturer Fuel Economy)	37.93	88.8610598
NOX (Nitrogen Oxide)	0	--
N2O (Nitrous Oxide)	0	--
HC-NM (Non-methane Hydrocarbon)	0	--
NMOG (Non-methane organic gases)	0	--

Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE
Carbon-Related Exhaust Emissions	0	--
Optional Carbon-Related Exhaust Emissions	0	--

Test Result Name	Unrounded Test Result	Verify Calculated CO2
Carbon dioxide	0	--

Manufacturer Test Comments

R1T - Conserve Drive Mode, Tri Motor, Max Battery Pack, and 20" All-Terrain Wheels. Cycle 1: 379.31 Wh/mi

Certification Summary Information Report

Test Group	VRIVT00.0193	Evaporative/Refueling Family	--																
Test #	SRIV10087312	Test Procedure	86 - Charge Depleting 20 Degree F FTP																
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity																
Test Date	07/25/2024	Fuel	N/A																
Fuel Batch ID	--	Fuel Calibration Number	--																
Vehicle Class	N/A	DF Type	EPA Assigned																
Verify Test Lab ID	FEV Michigan																		
E10 Evaporative Test Measurement Method	--																		
Test Start Odometer Reading	4110	Odometer Units	M																
4WD Test Dyno	Yes	Diesel Adjustment Factor Usage	--																
State of Charge Delta	Yes																		
Drive Cycle Speed Tolerance Criteria	Used Part 86 (+/- 2 mph, +/- 1 sec)	Road Speed Fan Usage	Yes																
PHEV/EV Charge Depleting Test Information																			
Recharge Event Voltage	240	Recharge Event Energy (kiloWatt-hours)	163.3																
Charge Depleting Range (Calculated miles)	14.9	Charge Depleting Range (Actual miles)	14.9																
Charge Depleting Range Highway (Calculated miles)	--	Derived 5-Cycle Coefficient Model Year	--																
All Electric Range Unadjusted (miles)	--	Equivalent All Electric Range (miles)	14.9																
Number of Charge Depleting Bags/Phases Conducted	4	Transition Bag/Phase Number	--																
Charge Depleting Bag/Phase #1																			
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>3.587</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>1.82</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>0.89</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>2.94</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.995</td></tr><tr><td>Manufacturer Fuel Economy</td><td>55.61</td></tr></table>				Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	3.587	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	1.82	Drive Trace Energy Economy Rating	0.89	Drive Trace Inertia Work Ratio Rating	2.94	Integrated DC KW-HRS	1.995	Manufacturer Fuel Economy	55.61
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	3.587																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	1.82																		
Drive Trace Energy Economy Rating	0.89																		
Drive Trace Inertia Work Ratio Rating	2.94																		
Integrated DC KW-HRS	1.995																		
Manufacturer Fuel Economy	55.61																		
Charge Depleting Bag/Phase #2																			

Certification Summary Information Report

Test Group	VRIVT00.0193	Evaporative/Refueling Family	--																
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>3.854</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>1.31</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>0.84</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>2.32</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.637</td></tr><tr><td>Manufacturer Fuel Economy</td><td>42.47</td></tr></table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	3.854	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	1.31	Drive Trace Energy Economy Rating	0.84	Drive Trace Inertia Work Ratio Rating	2.32	Integrated DC KW-HRS	1.637	Manufacturer Fuel Economy	42.47		
Test Result/Emission Name	Unrounded Test Result																		
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Drive Trace Inertia Work Ratio Rating	2.32																		
Integrated DC KW-HRS	1.637																		
Manufacturer Fuel Economy	42.47																		
Charge Depleting Bag/Phase #3																			
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>3.588</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>0.94</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>0.64</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>1.65</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.553</td></tr><tr><td>Manufacturer Fuel Economy</td><td>43.28</td></tr></table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	3.588	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	0.94	Drive Trace Energy Economy Rating	0.64	Drive Trace Inertia Work Ratio Rating	1.65	Integrated DC KW-HRS	1.553	Manufacturer Fuel Economy	43.28		
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	3.588																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	0.94																		
Drive Trace Energy Economy Rating	0.64																		
Drive Trace Inertia Work Ratio Rating	1.65																		
Integrated DC KW-HRS	1.553																		
Manufacturer Fuel Economy	43.28																		
Charge Depleting Bag/Phase #4																			
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>3.859</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>1.17</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>0.91</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>1.93</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.45</td></tr><tr><td>Manufacturer Fuel Economy</td><td>37.58</td></tr></table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	3.859	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	1.17	Drive Trace Energy Economy Rating	0.91	Drive Trace Inertia Work Ratio Rating	1.93	Integrated DC KW-HRS	1.45	Manufacturer Fuel Economy	37.58		
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	3.859																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	1.17																		
Drive Trace Energy Economy Rating	0.91																		
Drive Trace Inertia Work Ratio Rating	1.93																		
Integrated DC KW-HRS	1.45																		
Manufacturer Fuel Economy	37.58																		
Manufacturer Test Comments		R1T - Conserve Drive Mode, Tri Motor, Max Battery Pack, and 20" All-Terrain Wheels. Cycle 1: 556.07 Wh/mi, Cycle 2: 424.70 Wh/mi, Cycle 3: 432.84 Wh/mi, Cycle 4: 375.80 Wh/mi,																	

Certification Summary Information Report

Test Group	VRIVT00.0193	Evaporative/Refueling Family	--
Test #	SRIV10087335	Test Procedure	77 - Multi-Cycle Test (MCT)
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity
Test Date	06/30/2024	Fuel	N/A
Fuel Batch ID	--	Fuel Calibration Number	--
Vehicle Class	N/A	DF Type	EPA Assigned
Verify Test Lab ID	FEV Michigan		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	3078	Odometer Units	M
4WD Test Dyno	Yes	Diesel Adjustment Factor Usage	--
State of Charge Delta	Yes		
Drive Cycle Speed Tolerance Criteria	Used Part 86 (+/- 2 mph, +/- 1 sec)	Road Speed Fan Usage	Yes
PHEV/EV Charge Depleting Test Information			
Recharge Event Voltage	240	Recharge Event Energy (kiloWatt-hours)	163.3
Charge Depleting Range (Calculated miles)	514.87	Charge Depleting Range (Actual miles)	514.87
Charge Depleting Range Highway (Calculated miles)	453.72	Derived 5-Cycle Coefficient Model Year	--
All Electric Range Unadjusted (miles)	--	Equivalent All Electric Range (miles)	514.87
Number of Charge Depleting Bags/Phases Conducted	8	Transition Bag/Phase Number	--
Charge Depleting Bag/Phase #1			
Test Result/Emission Name		Unrounded Test Result	
Actual Distance Driven (miles)		7.46	
Carbon-Related Exhaust Emissions		0	
Drive Trace Absolute Speed Change Rating		0.29	
Drive Trace Energy Economy Rating		-0.15	
Drive Trace Inertia Work Ratio Rating		0.46	
Integrated DC KW-HRS		2.305	
Manufacturer Fuel Economy		30.9	
Charge Depleting Bag/Phase #2			

Certification Summary Information Report

Test Group	VRIVT00.0193	Evaporative/Refueling Family	--																
	<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>10.262</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>0.12</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>-0.21</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>0.22</td></tr><tr><td>Integrated DC KW-HRS</td><td>3.204</td></tr><tr><td>Manufacturer Fuel Economy</td><td>31.22</td></tr></table>	Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	10.262	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	0.12	Drive Trace Energy Economy Rating	-0.21	Drive Trace Inertia Work Ratio Rating	0.22	Integrated DC KW-HRS	3.204	Manufacturer Fuel Economy	31.22		
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	10.262																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	0.12																		
Drive Trace Energy Economy Rating	-0.21																		
Drive Trace Inertia Work Ratio Rating	0.22																		
Integrated DC KW-HRS	3.204																		
Manufacturer Fuel Economy	31.22																		
Charge Depleting Bag/Phase #3																			
	<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>7.452</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>0.3</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>-0.21</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>0.6</td></tr><tr><td>Integrated DC KW-HRS</td><td>2.059</td></tr><tr><td>Manufacturer Fuel Economy</td><td>27.63</td></tr></table>	Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	7.452	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	0.3	Drive Trace Energy Economy Rating	-0.21	Drive Trace Inertia Work Ratio Rating	0.6	Integrated DC KW-HRS	2.059	Manufacturer Fuel Economy	27.63		
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	7.452																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	0.3																		
Drive Trace Energy Economy Rating	-0.21																		
Drive Trace Inertia Work Ratio Rating	0.6																		
Integrated DC KW-HRS	2.059																		
Manufacturer Fuel Economy	27.63																		
Charge Depleting Bag/Phase #4																			
	<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>293.127</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>26.39</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>-1.38</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>52.8</td></tr><tr><td>Integrated DC KW-HRS</td><td>110.964</td></tr><tr><td>Manufacturer Fuel Economy</td><td>37.86</td></tr></table>	Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	293.127	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	26.39	Drive Trace Energy Economy Rating	-1.38	Drive Trace Inertia Work Ratio Rating	52.8	Integrated DC KW-HRS	110.964	Manufacturer Fuel Economy	37.86		
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	293.127																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	26.39																		
Drive Trace Energy Economy Rating	-1.38																		
Drive Trace Inertia Work Ratio Rating	52.8																		
Integrated DC KW-HRS	110.964																		
Manufacturer Fuel Economy	37.86																		
Charge Depleting Bag/Phase #5																			
	<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>7.416</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>0.36</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>-0.02</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>0.75</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.977</td></tr><tr><td>Manufacturer Fuel Economy</td><td>26.66</td></tr></table>	Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	7.416	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	0.36	Drive Trace Energy Economy Rating	-0.02	Drive Trace Inertia Work Ratio Rating	0.75	Integrated DC KW-HRS	1.977	Manufacturer Fuel Economy	26.66		
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	7.416																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	0.36																		
Drive Trace Energy Economy Rating	-0.02																		
Drive Trace Inertia Work Ratio Rating	0.75																		
Integrated DC KW-HRS	1.977																		
Manufacturer Fuel Economy	26.66																		
Charge Depleting Bag/Phase #6																			

Certification Summary Information Report

Test Group	VRIVT00.0193	Evaporative/Refueling Family	--																
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>10.251</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>0.86</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>-0.11</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>0.59</td></tr><tr><td>Integrated DC KW-HRS</td><td>3.122</td></tr><tr><td>Manufacturer Fuel Economy</td><td>30.46</td></tr></table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	10.251	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	0.86	Drive Trace Energy Economy Rating	-0.11	Drive Trace Inertia Work Ratio Rating	0.59	Integrated DC KW-HRS	3.122	Manufacturer Fuel Economy	30.46		
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	10.251																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	0.86																		
Drive Trace Energy Economy Rating	-0.11																		
Drive Trace Inertia Work Ratio Rating	0.59																		
Integrated DC KW-HRS	3.122																		
Manufacturer Fuel Economy	30.46																		
Charge Depleting Bag/Phase #7																			
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>7.419</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>-0.27</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>0.05</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>-0.04</td></tr><tr><td>Integrated DC KW-HRS</td><td>2.007</td></tr><tr><td>Manufacturer Fuel Economy</td><td>27.05</td></tr></table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	7.419	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	-0.27	Drive Trace Energy Economy Rating	0.05	Drive Trace Inertia Work Ratio Rating	-0.04	Integrated DC KW-HRS	2.007	Manufacturer Fuel Economy	27.05		
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	7.419																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	-0.27																		
Drive Trace Energy Economy Rating	0.05																		
Drive Trace Inertia Work Ratio Rating	-0.04																		
Integrated DC KW-HRS	2.007																		
Manufacturer Fuel Economy	27.05																		
Charge Depleting Bag/Phase #8																			
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>37.366</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>-6.26</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>-0.61</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>15.58</td></tr><tr><td>Integrated DC KW-HRS</td><td>14.286</td></tr><tr><td>Manufacturer Fuel Economy</td><td>38.23</td></tr></table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	37.366	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	-6.26	Drive Trace Energy Economy Rating	-0.61	Drive Trace Inertia Work Ratio Rating	15.58	Integrated DC KW-HRS	14.286	Manufacturer Fuel Economy	38.23		
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	37.366																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	-6.26																		
Drive Trace Energy Economy Rating	-0.61																		
Drive Trace Inertia Work Ratio Rating	15.58																		
Integrated DC KW-HRS	14.286																		
Manufacturer Fuel Economy	38.23																		
Manufacturer Test Comments		R1T - Conserve Drive Mode, Tri Motor, Max Battery Pack, and 20" All-Terrain Wheels. UDDS1: 308.95 Wh/mi, UDDS2: 276.32 Wh/mi, UDDS3: 266.56 Wh/mi, UDDS4: 270.55 Wh/mi. UDDS1 Energy: 2304.65 Wh Wh HWY1: 312.18 Wh/mi, HWY2: 304.60 Wh/mi MCT Energy: 139923.81 Wh																	

Certification Summary Information Report

Test Group	VRIVT00.0193	Evaporative/Refueling Family	--						
Emission Data Vehicle Information									
Vehicle ID / Configuration	R1T358XR20AT / 1	Manufacturer Vehicle Configuration Number	0						
Original Test Group Name	SRIVT00.0193	Original Evaporative/Refueling Family	--						
Original Test Vehicle Model Year	2025								
Vehicle Model									
Represented Test Vehicle Make	Rivian	Represented Test Vehicle Model	R1T All-Terrain Tri Max (20in)						
Leak Family Details									
Leak Family Identifier	--	Leak Family Name	--						
Drive Sources and Fuel System Details									
	<table border="1"> <tr> <th>Drive Source and Fuel#</th><th>Drive Source</th><th>Fuel</th></tr> <tr> <td>1</td><td>Electric Motor</td><td>Electricity</td></tr> </table>	Drive Source and Fuel#	Drive Source	Fuel	1	Electric Motor	Electricity		
Drive Source and Fuel#	Drive Source	Fuel							
1	Electric Motor	Electricity							
Hybrid Indicator	No								
Multiple Fuel Storage	--	Multiple Fuel Combustion	--						
Fuel Cell Indicator	No	Rechargeable Energy Storage System Indicator	Yes						
Rechargeable Energy Storage System	Battery(s)	Rechargeable Energy Storage System, if 'Other'	--						
Off-board charge Capable Indicator	Yes								
Odometer Correction -- Initial	1	Odometer Correction Factor	1						
Odometer Correction Sign	+ = System Miles is equal to (Test odometer reading * Correction factor) + Initial system miles								
Odometer Correction Units	Miles								
Engine Code	201X2SW233X1	Rated Horsepower	850						
Displacement (liters)	99.999								
Air Aspiration Method	Naturally Aspirated	Air Aspiration Method, if 'Other'	Electric						
Number of Air Aspiration Devices	--	Air Aspiration Device Configuration	--						
Charge Air Cooler Type	--	Drive Mode While Testing	4-Wheel Drive						
Shift Indicator Light Usage	Not equipped	Aged Emission Components	4,000 (mi)						
Curb Weight (lbs)	6952	Equivalent Test Weight (pounds)	7500						
GVWR (lbs)	--	N/V Ratio	999						
Axle Ratio	9.99								
Transmission Type	Automatic	# of Transmission Gears	1						
Transmission Lockup	No	Creep Gear	No						

Certification Summary Information Report

Test Group		VRIVT00.0193			Evaporative/Refueling Family		--	
Dynamometer Coefficients:								
Target Coefficients				Set Coefficients			EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients	
Coefficient Category	A (lbf)	B (lbf/mph)	C (lbf/mph**2)	A (lbf)	B (lbf/mph)	C (lbf/mph**2)		
City/Highway/Evap	57.27	0.5062	0.02077	-12.35	0.2486	0.0214	17.9	
Cold CO	63	0.5568	0.02285	-22.79	0.2746	0.02198	N/A	
US06	57.27	0.5062	0.02077	-12.35	0.2486	0.0214	N/A	
Emission Control Device Comments		Battery Electric Vehicle						
Manufacturer Test Vehicle Comments		R1T All-Terrain Tri Max (20in) - All Purpose Drive Mode FDU Axle Ratio: 11.0:1 RDU Axle Ratio: 11.7:1 FDU N/V: 115.4 RDU N/V: 108.8						

Certification Summary Information Report

Test Group	VRIVT00.0193	Evaporative/Refueling Family	--
Test #	SRIV10087234	Test Procedure	2 - CVS 75 and later (w/o can. load)
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity
Test Date	07/14/2024	Fuel	Electricity
Fuel Batch ID	--	Fuel Calibration Number	--
Vehicle Class	MDPV	DF Type	EPA Assigned
Verify Test Lab ID	FEV Michigan		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	4038	Odometer Units	M
4WD Test Dyno	Yes	Diesel Adjustment Factor Usage	--
State of Charge Delta	Yes		
Drive Cycle Speed Tolerance Criteria	Used Part 86 (+/- 2 mph, +/- 1 sec)	Road Speed Fan Usage	Yes

Test Results

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (kilowatt-hour per 100 miles)
METHANE (CH4 - Methane)	0	--
CO (Carbon Monoxide)	0	--
DT-ASCR (Drive Trace Absolute Speed Change Rating)	-0.7	--
DT-EER (Drive Trace Energy Economy Rating)	-0.72	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	-1.08	--
MFR FE (Manufacturer Fuel Economy)	33.11	101.7970402
NOX (Nitrogen Oxide)	0	--
N2O (Nitrous Oxide)	0	--
HC-NM (Non-methane Hydrocarbon)	0	--
NMOG (Non-methane organic gases)	0	--

Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE
Carbon-Related Exhaust Emissions	0	0
Optional Carbon-Related Exhaust Emissions	0	0

Test Result Name	Unrounded Test Result	Verify Calculated CO2
Carbon dioxide	0	--

Manufacturer Test Comments

R1T - All Purpose Drive Mode, Tri Motor, Max Battery Pack, and 20" All-Terrain Wheels. Cycle 1: 372.80 Wh/mi, Cycle 2: 307.49 Wh/mi, Cycle 3: 351.05 Wh/mi, Cycle 4: 297.33 Wh/mi.

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Certification Summary Information Report

Test Group	VRIVT00.0193	Evaporative/Refueling Family	--
Test #	SRIV10087235	Test Procedure	3 - HWFE
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity
Test Date	07/14/2024	Fuel	N/A
Fuel Batch ID	--	Fuel Calibration Number	--
Vehicle Class	N/A	DF Type	EPA Assigned
Verify Test Lab ID	FEV Michigan		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	4038	Odometer Units	M
4WD Test Dyno	Yes	Diesel Adjustment Factor Usage	--
State of Charge Delta	Yes		
Drive Cycle Speed Tolerance Criteria	Used Part 86 (+/- 2 mph, +/- 1 sec)	Road Speed Fan Usage	Yes

Test Results

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (kilowatt-hour per 100 miles)
METHANE (CH4 - Methane)	0	--
CO (Carbon Monoxide)	0	--
DT-ASCR (Drive Trace Absolute Speed Change Rating)	-0.49	--
DT-EER (Drive Trace Energy Economy Rating)	0.19	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	-0.82	--
MFR FE (Manufacturer Fuel Economy)	35.86	93.9905187
NOX (Nitrogen Oxide)	0	--
N2O (Nitrous Oxide)	0	--
HC-NM (Non-methane Hydrocarbon)	0	--
NMOG (Non-methane organic gases)	0	--

Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE
Carbon-Related Exhaust Emissions	0	0
Optional Carbon-Related Exhaust Emissions	0	0

Test Result Name	Unrounded Test Result	Verify Calculated CO2
Carbon dioxide	0	--

Manufacturer Test Comments

R1T - All Purpose Drive Mode, Tri Motor, Max Battery Pack, and 20" All-Terrain Wheels. Cycle 1: 358.65 Wh/mi

Certification Summary Information Report

Test Group	VRIVT00.0193	Evaporative/Refueling Family	--
Test #	SRIV10087236	Test Procedure	90 - US06
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity
Test Date	07/13/2024	Fuel	N/A
Fuel Batch ID	--	Fuel Calibration Number	--
Vehicle Class	N/A	DF Type	EPA Assigned
Verify Test Lab ID	FEV Michigan		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	4022	Odometer Units	M
4WD Test Dyno	Yes	Diesel Adjustment Factor Usage	--
State of Charge Delta	Yes		
Drive Cycle Speed Tolerance Criteria	Used Part 86 (+/- 2 mph, +/- 1 sec)	Road Speed Fan Usage	Yes

Test Results

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (kilowatt-hour per 100 miles)
METHANE (CH4 - Methane)	0	--
CO (Carbon Monoxide)	0	--
DT-ASCR (Drive Trace Absolute Speed Change Rating)	-0.47	--
DT-EER (Drive Trace Energy Economy Rating)	-0.56	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	-0.4	--
MFR FE (Manufacturer Fuel Economy)	46.21	72.9387578
NOX (Nitrogen Oxide)	0	--
N2O (Nitrous Oxide)	0	--
HC-NM (Non-methane Hydrocarbon)	0	--
NMOG (Non-methane organic gases)	0	--

Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE
Carbon-Related Exhaust Emissions	0	--
Optional Carbon-Related Exhaust Emissions	0	--

Test Result Name	Unrounded Test Result	Verify Calculated CO2
Carbon dioxide	0	--

Manufacturer Test Comments

R1T All Purpose Drive Mode, Tri Motor, Max Battery Pack, and 20" All-Terrain Wheels. Cycle 1 (City1): 447.70 Wh/mi, Cycle 2 (HWY): 459.04 Wh/mi, Cycle 3 (City2): 536.43 Wh/mi

Certification Summary Information Report

Test Group	VRIVT00.0193	Evaporative/Refueling Family	--
Test #	SRIV10087237	Test Procedure	95 - SC03
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity
Test Date	07/09/2024	Fuel	N/A
Fuel Batch ID	--	Fuel Calibration Number	--
Vehicle Class	N/A	DF Type	EPA Assigned
Verify Test Lab ID	FEV Michigan		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	3991	Odometer Units	M
4WD Test Dyno	Yes	Diesel Adjustment Factor Usage	--
State of Charge Delta	Yes		
Drive Cycle Speed Tolerance Criteria	Used Part 86 (+/- 2 mph, +/- 1 sec)	Road Speed Fan Usage	Yes

Test Results

Test Result Name	Unrounded Test Result	Verify Calculated FE Equivalent Value (kilowatt-hour per 100 miles)
METHANE (CH4 - Methane)	0	--
CO (Carbon Monoxide)	0	--
DT-ASCR (Drive Trace Absolute Speed Change Rating)	0.03	--
DT-EER (Drive Trace Energy Economy Rating)	0.14	--
DT-IWRR (Drive Trace Inertia Work Ratio Rating)	-0.59	--
MFR FE (Manufacturer Fuel Economy)	42.68	78.9714152
NOX (Nitrogen Oxide)	0	--
N2O (Nitrous Oxide)	0	--
HC-NM (Non-methane Hydrocarbon)	0	--
NMOG (Non-methane organic gases)	0	--

Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE
Carbon-Related Exhaust Emissions	0	--
Optional Carbon-Related Exhaust Emissions	0	--

Test Result Name	Unrounded Test Result	Verify Calculated CO2
Carbon dioxide	0	--

Manufacturer Test Comments

R1T - All Purpose Drive Mode, Tri Motor, Max Battery Pack, and 20" All-Terrain Wheels. Cycle 1: 426.75 Wh/mi

Certification Summary Information Report

Test Group	VRIVT00.0193	Evaporative/Refueling Family	--
Test #	SRIV10087233	Test Procedure	77 - Multi-Cycle Test (MCT)
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity
Test Date	07/03/2024	Fuel	N/A
Fuel Batch ID	--	Fuel Calibration Number	--
Vehicle Class	N/A	DF Type	EPA Assigned
Verify Test Lab ID	FEV Michigan		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	3503	Odometer Units	M
4WD Test Dyno	Yes	Diesel Adjustment Factor Usage	--
State of Charge Delta	Yes		
Drive Cycle Speed Tolerance Criteria	Used Part 86 (+/- 2 mph, +/- 1 sec)	Road Speed Fan Usage	Yes
PHEV/EV Charge Depleting Test Information			
Recharge Event Voltage	240	Recharge Event Energy (kiloWatt-hours)	163.44
Charge Depleting Range (Calculated miles)	444.31	Charge Depleting Range (Actual miles)	444.31
Charge Depleting Range Highway (Calculated miles)	389.5	Derived 5-Cycle Coefficient Model Year	--
All Electric Range Unadjusted (miles)	--	Equivalent All Electric Range (miles)	444.31
Number of Charge Depleting Bags/Phases Conducted	8	Transition Bag/Phase Number	--
Charge Depleting Bag/Phase #1			
Test Result/Emission Name		Unrounded Test Result	
Actual Distance Driven (miles)		7.463	
Carbon-Related Exhaust Emissions		0	
Drive Trace Absolute Speed Change Rating		-0.41	
Drive Trace Energy Economy Rating		-0.76	
Drive Trace Inertia Work Ratio Rating		-0.57	
Integrated DC KW-HRS		2.673	
Manufacturer Fuel Economy		35.81	
Charge Depleting Bag/Phase #2			

Certification Summary Information Report

Test Group	VRIVT00.0193	Evaporative/Refueling Family	--																
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>10.261</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>-0.05</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>-0.23</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>0.11</td></tr><tr><td>Integrated DC KW-HRS</td><td>3.788</td></tr><tr><td>Manufacturer Fuel Economy</td><td>36.91</td></tr></table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	10.261	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	-0.05	Drive Trace Energy Economy Rating	-0.23	Drive Trace Inertia Work Ratio Rating	0.11	Integrated DC KW-HRS	3.788	Manufacturer Fuel Economy	36.91		
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	10.261																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	-0.05																		
Drive Trace Energy Economy Rating	-0.23																		
Drive Trace Inertia Work Ratio Rating	0.11																		
Integrated DC KW-HRS	3.788																		
Manufacturer Fuel Economy	36.91																		
Charge Depleting Bag/Phase #3																			
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>7.458</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>0.07</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>-0.4</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>0.26</td></tr><tr><td>Integrated DC KW-HRS</td><td>2.388</td></tr><tr><td>Manufacturer Fuel Economy</td><td>32.02</td></tr></table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	7.458	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	0.07	Drive Trace Energy Economy Rating	-0.4	Drive Trace Inertia Work Ratio Rating	0.26	Integrated DC KW-HRS	2.388	Manufacturer Fuel Economy	32.02		
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	7.458																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	0.07																		
Drive Trace Energy Economy Rating	-0.4																		
Drive Trace Inertia Work Ratio Rating	0.26																		
Integrated DC KW-HRS	2.388																		
Manufacturer Fuel Economy	32.02																		
Charge Depleting Bag/Phase #4																			
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>261.853</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>25.34</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>-0.14</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>50.63</td></tr><tr><td>Integrated DC KW-HRS</td><td>113.225</td></tr><tr><td>Manufacturer Fuel Economy</td><td>43.24</td></tr></table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	261.853	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	25.34	Drive Trace Energy Economy Rating	-0.14	Drive Trace Inertia Work Ratio Rating	50.63	Integrated DC KW-HRS	113.225	Manufacturer Fuel Economy	43.24		
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	261.853																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	25.34																		
Drive Trace Energy Economy Rating	-0.14																		
Drive Trace Inertia Work Ratio Rating	50.63																		
Integrated DC KW-HRS	113.225																		
Manufacturer Fuel Economy	43.24																		
Charge Depleting Bag/Phase #5																			
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>7.382</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>-1.3</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>-0.46</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>-1.62</td></tr><tr><td>Integrated DC KW-HRS</td><td>2.285</td></tr><tr><td>Manufacturer Fuel Economy</td><td>30.96</td></tr></table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	7.382	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	-1.3	Drive Trace Energy Economy Rating	-0.46	Drive Trace Inertia Work Ratio Rating	-1.62	Integrated DC KW-HRS	2.285	Manufacturer Fuel Economy	30.96		
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	7.382																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	-1.3																		
Drive Trace Energy Economy Rating	-0.46																		
Drive Trace Inertia Work Ratio Rating	-1.62																		
Integrated DC KW-HRS	2.285																		
Manufacturer Fuel Economy	30.96																		
Charge Depleting Bag/Phase #6																			

Certification Summary Information Report

Test Group	VRIVT00.0193	Evaporative/Refueling Family	--																
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>10.193</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>-2.98</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>-1.27</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>-3.81</td></tr><tr><td>Integrated DC KW-HRS</td><td>3.528</td></tr><tr><td>Manufacturer Fuel Economy</td><td>34.61</td></tr></table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	10.193	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	-2.98	Drive Trace Energy Economy Rating	-1.27	Drive Trace Inertia Work Ratio Rating	-3.81	Integrated DC KW-HRS	3.528	Manufacturer Fuel Economy	34.61		
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	10.193																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	-2.98																		
Drive Trace Energy Economy Rating	-1.27																		
Drive Trace Inertia Work Ratio Rating	-3.81																		
Integrated DC KW-HRS	3.528																		
Manufacturer Fuel Economy	34.61																		
Charge Depleting Bag/Phase #7																			
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>7.396</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>-1.24</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>-0.05</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>-1.32</td></tr><tr><td>Integrated DC KW-HRS</td><td>2.279</td></tr><tr><td>Manufacturer Fuel Economy</td><td>30.81</td></tr></table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	7.396	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	-1.24	Drive Trace Energy Economy Rating	-0.05	Drive Trace Inertia Work Ratio Rating	-1.32	Integrated DC KW-HRS	2.279	Manufacturer Fuel Economy	30.81		
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	7.396																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	-1.24																		
Drive Trace Energy Economy Rating	-0.05																		
Drive Trace Inertia Work Ratio Rating	-1.32																		
Integrated DC KW-HRS	2.279																		
Manufacturer Fuel Economy	30.81																		
Charge Depleting Bag/Phase #8																			
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>20.257</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>12.4</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>-0.78</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>24.78</td></tr><tr><td>Integrated DC KW-HRS</td><td>9.134</td></tr><tr><td>Manufacturer Fuel Economy</td><td>45.09</td></tr></table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	20.257	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	12.4	Drive Trace Energy Economy Rating	-0.78	Drive Trace Inertia Work Ratio Rating	24.78	Integrated DC KW-HRS	9.134	Manufacturer Fuel Economy	45.09		
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	20.257																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	12.4																		
Drive Trace Energy Economy Rating	-0.78																		
Drive Trace Inertia Work Ratio Rating	24.78																		
Integrated DC KW-HRS	9.134																		
Manufacturer Fuel Economy	45.09																		
Manufacturer Test Comments		R1T - All Purpose Drive Mode, Tri Motor, Max Battery Pack, and 20" All-Terrain Wheels. UDDS1: 358.13 Wh/mi, UDDS2: 320.24 Wh/mi, UDDS3: 309.59 Wh/mi, UDDS4: 308.10 Wh/mi. UDDS1 Energy: 2672.62 Wh HWY1: 369.13 Wh/mi, HWY2: 346.14 Wh/mi MCT Energy: 139300.36 Wh																	

Certification Summary Information Report

Test Group	VRIVT00.0193	Evaporative/Refueling Family	--
Test #	SRIV10087238	Test Procedure	86 - Charge Depleting 20 Degree F FTP
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity
Test Date	07/17/2024	Fuel	N/A
Fuel Batch ID	--	Fuel Calibration Number	--
Vehicle Class	N/A	DF Type	EPA Assigned
Verify Test Lab ID	FEV Michigan		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	4089	Odometer Units	M
4WD Test Dyno	Yes	Diesel Adjustment Factor Usage	--
State of Charge Delta	Yes		
Drive Cycle Speed Tolerance Criteria	Used Part 86 (+/- 2 mph, +/- 1 sec)	Road Speed Fan Usage	Yes
PHEV/EV Charge Depleting Test Information			
Recharge Event Voltage	240	Recharge Event Energy (kiloWatt-hours)	163.44
Charge Depleting Range (Calculated miles)	14.9	Charge Depleting Range (Actual miles)	14.9
Charge Depleting Range Highway (Calculated miles)	--	Derived 5-Cycle Coefficient Model Year	--
All Electric Range Unadjusted (miles)	--	Equivalent All Electric Range (miles)	14.9
Number of Charge Depleting Bags/Phases Conducted	4	Transition Bag/Phase Number	--
Charge Depleting Bag/Phase #1			
Test Result/Emission Name		Unrounded Test Result	
Actual Distance Driven (miles)		3.592	
Carbon-Related Exhaust Emissions		0	
Drive Trace Absolute Speed Change Rating		1.21	
Drive Trace Energy Economy Rating		0.24	
Drive Trace Inertia Work Ratio Rating		1.67	
Integrated DC KW-HRS		2.221	
Manufacturer Fuel Economy		61.83	
Charge Depleting Bag/Phase #2			

Certification Summary Information Report

Test Group	VRIVT00.0193	Evaporative/Refueling Family	--																
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>3.864</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>0.53</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>-0.29</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>0.73</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.835</td></tr><tr><td>Manufacturer Fuel Economy</td><td>47.49</td></tr></table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	3.864	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	0.53	Drive Trace Energy Economy Rating	-0.29	Drive Trace Inertia Work Ratio Rating	0.73	Integrated DC KW-HRS	1.835	Manufacturer Fuel Economy	47.49		
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	3.864																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	0.53																		
Drive Trace Energy Economy Rating	-0.29																		
Drive Trace Inertia Work Ratio Rating	0.73																		
Integrated DC KW-HRS	1.835																		
Manufacturer Fuel Economy	47.49																		
Charge Depleting Bag/Phase #3																			
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>3.593</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>1.16</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>-0.09</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>2.22</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.777</td></tr><tr><td>Manufacturer Fuel Economy</td><td>49.45</td></tr></table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	3.593	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	1.16	Drive Trace Energy Economy Rating	-0.09	Drive Trace Inertia Work Ratio Rating	2.22	Integrated DC KW-HRS	1.777	Manufacturer Fuel Economy	49.45		
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	3.593																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	1.16																		
Drive Trace Energy Economy Rating	-0.09																		
Drive Trace Inertia Work Ratio Rating	2.22																		
Integrated DC KW-HRS	1.777																		
Manufacturer Fuel Economy	49.45																		
Charge Depleting Bag/Phase #4																			
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>3.862</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>0.68</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>-0.28</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>0.93</td></tr><tr><td>Integrated DC KW-HRS</td><td>1.642</td></tr><tr><td>Manufacturer Fuel Economy</td><td>42.5</td></tr></table>		Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	3.862	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	0.68	Drive Trace Energy Economy Rating	-0.28	Drive Trace Inertia Work Ratio Rating	0.93	Integrated DC KW-HRS	1.642	Manufacturer Fuel Economy	42.5		
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	3.862																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	0.68																		
Drive Trace Energy Economy Rating	-0.28																		
Drive Trace Inertia Work Ratio Rating	0.93																		
Integrated DC KW-HRS	1.642																		
Manufacturer Fuel Economy	42.5																		
Manufacturer Test Comments		R1T - All Purpose Drive Mode, Tri Motor, Max Battery Pack, and 20" All-Terrain Wheels. Cycle 1: 582.32 Wh/mi, Cycle 2: 474.26 Wh/mi, Cycle 3: 459.68 Wh/mi, Cycle 4: 395.60 Wh/mi,																	

Certification Summary Information Report

Test Group	VRIVT00.0193	Evaporative/Refueling Family	--																
Test #	SRIV10087503	Test Procedure	77 - Multi-Cycle Test (MCT)																
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity																
Test Date	08/20/2024	Fuel	N/A																
Fuel Batch ID	--	Fuel Calibration Number	--																
Vehicle Class	N/A	DF Type	EPA Assigned																
Verify Test Lab ID	EPA Ann Arbor																		
E10 Evaporative Test Measurement Method	--																		
Test Start Odometer Reading	4671	Odometer Units	M																
4WD Test Dyno	Yes	Diesel Adjustment Factor Usage	--																
State of Charge Delta	Yes																		
Drive Cycle Speed Tolerance Criteria	Used Part 86 (+/- 2 mph, +/- 1 sec)	Road Speed Fan Usage	Yes																
PHEV/EV Charge Depleting Test Information																			
Recharge Event Voltage	240	Recharge Event Energy (kiloWatt-hours)	161.21																
Charge Depleting Range (Calculated miles)	429.11	Charge Depleting Range (Actual miles)	429.11																
Charge Depleting Range Highway (Calculated miles)	377.2	Derived 5-Cycle Coefficient Model Year	--																
All Electric Range Unadjusted (miles)	--	Equivalent All Electric Range (miles)	429.11																
Number of Charge Depleting Bags/Phases Conducted	8	Transition Bag/Phase Number	--																
Charge Depleting Bag/Phase #1																			
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>7.417</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>0.75</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>0.244</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>0.353</td></tr><tr><td>Integrated DC KW-HRS</td><td>2.69</td></tr><tr><td>Manufacturer Fuel Economy</td><td>36.27</td></tr></table>				Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	7.417	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	0.75	Drive Trace Energy Economy Rating	0.244	Drive Trace Inertia Work Ratio Rating	0.353	Integrated DC KW-HRS	2.69	Manufacturer Fuel Economy	36.27
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	7.417																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	0.75																		
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Drive Trace Inertia Work Ratio Rating	0.353																		
Integrated DC KW-HRS	2.69																		
Manufacturer Fuel Economy	36.27																		
Charge Depleting Bag/Phase #2																			

Charge Depleting Bag/Phase #6

Certification Summary Information Report

Test Group	VRIVT00.0193	Evaporative/Refueling Family	--																
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>10.254</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>2.62</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>0.791</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>3.201</td></tr><tr><td>Integrated DC KW-HRS</td><td>3.661</td></tr><tr><td>Manufacturer Fuel Economy</td><td>35.7</td></tr></table>				Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	10.254	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	2.62	Drive Trace Energy Economy Rating	0.791	Drive Trace Inertia Work Ratio Rating	3.201	Integrated DC KW-HRS	3.661	Manufacturer Fuel Economy	35.7
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	10.254																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	2.62																		
Drive Trace Energy Economy Rating	0.791																		
Drive Trace Inertia Work Ratio Rating	3.201																		
Integrated DC KW-HRS	3.661																		
Manufacturer Fuel Economy	35.7																		
Charge Depleting Bag/Phase #7																			
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>7.47</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>-0.27</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>-0.802</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>0.024</td></tr><tr><td>Integrated DC KW-HRS</td><td>2.392</td></tr><tr><td>Manufacturer Fuel Economy</td><td>32.02</td></tr></table>				Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	7.47	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	-0.27	Drive Trace Energy Economy Rating	-0.802	Drive Trace Inertia Work Ratio Rating	0.024	Integrated DC KW-HRS	2.392	Manufacturer Fuel Economy	32.02
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	7.47																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	-0.27																		
Drive Trace Energy Economy Rating	-0.802																		
Drive Trace Inertia Work Ratio Rating	0.024																		
Integrated DC KW-HRS	2.392																		
Manufacturer Fuel Economy	32.02																		
Charge Depleting Bag/Phase #8																			
<table><tr><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>Actual Distance Driven (miles)</td><td>16.138</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>99.99</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>99.99</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>99.99</td></tr><tr><td>Integrated DC KW-HRS</td><td>7.354</td></tr><tr><td>Manufacturer Fuel Economy</td><td>45.57</td></tr></table>				Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	16.138	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	99.99	Drive Trace Energy Economy Rating	99.99	Drive Trace Inertia Work Ratio Rating	99.99	Integrated DC KW-HRS	7.354	Manufacturer Fuel Economy	45.57
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	16.138																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	99.99																		
Drive Trace Energy Economy Rating	99.99																		
Drive Trace Inertia Work Ratio Rating	99.99																		
Integrated DC KW-HRS	7.354																		
Manufacturer Fuel Economy	45.57																		
Manufacturer Test Comments		R1T - All Purpose Drive Mode, Tri Motor, Max Battery Pack, and 20" All-Terrain Wheels. UDDS1: 362.69 Wh/mi, UDDS2: 328.92 Wh/mi, UDDS3: 315.75 Wh/mi, UDDS4: 320.25 Wh/mi. UDDS1 Energy: 2689.95 Wh HWY1: 376.57 Wh/mi, HWY2: 357.04 Wh/mi MCT Energy: 138360.28 Wh																	
Fuel Properties																			

Certification Summary Information Report

Test Group		VRIVT00.0193			Evaporative/Refueling Family			--	
Consolidated List of Standards									
Exhaust Standards									
Cert Region		Federal			Cert/In-Use Code			Cert	
Vehicle Class		MDPV			Standard Level			Federal Tier 4 Bin 0	
Fuel		Electricity			Test Procedure			Charge Depleting UDDS	
Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std
150,000 miles	CO	--	--	--	--	--	--	0	0
150,000 miles	CO-COMP	--	--	--	--	--	--	0	0
150,000 miles	CREE	--	--	--	--	--	--	0	0
150,000 miles	NMOG+NOX-COMP	--	--	--	--	--	--	0	0
Cert Region		California + CAA Section 177 states			Cert/In-Use Code			Cert	
Vehicle Class		MDPV			Standard Level			California ZEV	
Fuel		Electricity			Test Procedure			Charge Depleting Highway	
Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std
150,000 miles	CO	--	--	--	--	--	--	0	0
150,000 miles	CO-COMP	--	--	--	--	--	--	0	0
150,000 miles	CREE	--	--	--	--	--	--	0	0
150,000 miles	NMOG+NOX-COMP	--	--	--	--	--	--	0	0
Cert Region		Federal			Cert/In-Use Code			Cert	
Vehicle Class		MDPV			Standard Level			Federal Tier 4 Bin 0	
Fuel		Electricity			Test Procedure			CVS 75 and later (w/o can. load)	
Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std
150,000 miles	CO	--	--	--	--	--	--	0	0

Certification Summary Information Report

Test Group		VRIVT00.0193			Evaporative/Refueling Family			--	
Cert Region		California + CAA Section 177 states			Cert/In-Use Code			Cert	
Vehicle Class		MDPV			Standard Level			California ZEV	
Fuel		Electricity			Test Procedure			Charge Depleting UDDS	
Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std
150,000 miles	CO	--	--	--	--	--	--	0	0
150,000 miles	CO-COMP	--	--	--	--	--	--	0	0
150,000 miles	CREE	--	--	--	--	--	--	0	0
150,000 miles	NMOG+NOX-COMP	--	--	--	--	--	--	0	0
Cert Region		Federal			Cert/In-Use Code			Cert	
Vehicle Class		MDPV			Standard Level			Federal Tier 4 Bin 0	
Fuel		Electricity			Test Procedure			Charge Depleting Highway	
Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std
150,000 miles	CO	--	--	--	--	--	--	0	0
150,000 miles	CO-COMP	--	--	--	--	--	--	0	0
150,000 miles	CREE	--	--	--	--	--	--	0	0
150,000 miles	NMOG+NOX-COMP	--	--	--	--	--	--	0	0
Cert Region		California + CAA Section 177 states			Cert/In-Use Code			Cert	
Vehicle Class		MDPV			Standard Level			California ZEV	
Fuel		Electricity			Test Procedure			CVS 75 and later (w/o can. load)	
Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std
150,000 miles	CO	--	--	--	--	--	--	0	0

Certification Summary Information Report

Test Group		VRIVT00.0193	Evaporative/Refueling Family		--
Glossary					
Useful Life					
4	4,000 miles		120	120,000 miles	
50	50,000 miles		150	150,000 miles	
100	100,000 miles				
Emission Name					
HC-TOTAL	Total Hydrocarbon		COMB-CREE	Combined Carbon-Related Exhaust Emissions	
CO	Carbon Monoxide		COMB-OPT-CREE	Combined Optional Carbon-Related Exhaust Emissions	
CO2	Carbon dioxide		HC-TOTAL-EQUIV	Total Hydrocarbon equivalent - Evap only	
CREE	Carbon-Related Exhaust Emissions		METHANE-COMB	Combined CH4 for HD 2b/3 vehicles only	
OPT-CREE	Optional Carbon-Related Exhaust Emissions		N2O-COMB	Combined Nitrous Oxide for HD 2b/3 vehicles only	
NOX	Nitrogen Oxide		LEAK-DIA	Effective Leak Diameter (inches)	
PM	Particulate Matter		LEAK-GAS CAP	Gas Cap Leakage (cc/min)	
PM-COMP	SFTP Composite Particulate Matter		CO2-COMB	Combined Carbon Dioxide for HD 2b/3 Vehicles Only	
HC-NM	Non-methane Hydrocarbon		KW-HRS	Integrated DC KW-HRS	
OMHCE	Organic material Hydrocarbon Equivalent		CH4 BAG 1	Bag 1 Methane	
OMNMHCE	Organic material non-methane HC equivalent		CH4 BAG 2	Bag 2 Methane	
NMOG	Non-methane organic gases		CH4 BAG 3	Bag 3 Methane	
HCHO	Formaldehyde		CH4 BAG 4	Bag 4 Methane	
H3C2HO	Acetaldehyde		CO BAG 1	Bag 1 Carbon Monoxide	
HC-NM+NOX	SFTP Non-methane Hydrocarbon + Nitrogen Oxides for US06 or SC03		CO BAG 2	Bag 2 Carbon Monoxide	
HC-NM+NOX-COMP	SFTP Composite Non-methane Hydrocarbon + Nitrogen Oxides		CO BAG 3	Bag 3 Carbon Monoxide	
CO-COMP	SFTP Composite Carbon Monoxide		CO BAG 4	Bag 4 Carbon Monoxide	
ETHANOL	C2H5OH - Ethanol		NMOG BAG 1	Bag 1 Non-methane organic gases	
FE BAG 1	Bag 1 Fuel Economy		NMOG BAG 2	Bag 2 Non-methane organic gases	
FE BAG 2	Bag 2 Fuel Economy		NMOG BAG 3	Bag 3 Non-methane organic gases	
FE BAG 3	Bag 3 Fuel Economy		NMOG BAG 4	Bag 4 Non-methane organic gases	
FE BAG 4	Bag 4 Fuel Economy		ACT-DISTANCE BAG 1	Bag 1 Actual Distance	
MFR FE	Manufacturer Fuel Economy		ACT-DISTANCE BAG 2	Bag 2 Actual Distance	
HC	Hydrocarbon for Running Loss and ORVR		ACT-DISTANCE BAG 3	Bag 3 Actual Distance	
METHANE	CH4 - Methane		ACT-DISTANCE BAG 4	Bag 4 Actual Distance	
METHANOL	CH3OH - Methanol		HC-TOTAL BAG 1	Bag 1 Total Hydrocarbon	
N2O	Nitrous Oxide		HC-TOTAL BAG 2	Bag 2 Total Hydrocarbon	
SPITBACK	Spitback Hydrocarbon in grams		HC-TOTAL BAG 3	Bag 3 Total Hydrocarbon	
AMP-HRS	Integrated Amp-hours		HC-TOTAL BAG 4	Bag 4 Total Hydrocarbon	
START-SOC	System Start State of Charge Watt-hours		WATT-HRS BAG 1	Bag 1 Watt Hours	
END-SOC	System End State of Charge Watt-hours		WATT-HRS BAG 2	Bag 2 Watt Hours	

Certification Summary Information Report

Test Group		VRIVT00.0193	Evaporative/Refueling Family		--
ACT-DISTANCE	Actual Distance Driven (miles)		WATT-HRS BAG 3	Bag 3 Watt Hours	
AS-VOLT	Average System Voltage		WATT-HRS BAG 4	Bag 4 Watt Hours	
CO2 BAG 1	Bag 1 Carbon Dioxide		WATT-HRS	Watt Hours	
CO2 BAG 2	Bag 2 Carbon Dioxide		HC-NM BAG 1	Bag 1 Non-methane Hydrocarbon	
CO2 BAG 3	Bag 3 Carbon Dioxide		HC-NM BAG 2	Bag 2 Non-methane Hydrocarbon	
CO2 BAG 4	Bag 4 Carbon Dioxide		HC-NM BAG 3	Bag 3 Non-methane Hydrocarbon	
NMOG+NOX	Non-methane organic gases plus Nitrogen Oxides		HC-NM BAG 4	Bag 4 Non-methane Hydrocarbon	
NMOG+NOX-COMP	SFTP Composite Non-methane Organic Gases + Nitrogen Oxides		N2O BAG 1	Bag 1 Nitrous Oxide	
DT-IWRR	Drive Trace Inertia Work Ratio Rating		N2O BAG 2	Bag 2 Nitrous Oxide	
DT-ASCR	Drive Trace Absolute Speed Change Rating		N2O BAG 3	Bag 3 Nitrous Oxide	
DT-EER	Drive Trace Energy Economy Rating		N2O BAG 4	Bag 4 Nitrous Oxide	
Certification Region					
CA	California + CAA Section 177 states		FA	Federal	
Exhaust Emission Standard Level					
B1	Federal Tier 2 Bin 1		HDV2B340	Federal Tier 3 HD Class 2b Transitional Bin 340	
B2	Federal Tier 2 Bin 2		HDV2B250	Federal Tier 3 HD Class 2b Bin 250	
B3	Federal Tier 2 Bin 3		HDV2B200	Federal Tier 3 HD Class 2b Bin 200	
B4	Federal Tier 2 Bin 4		HDV2B170	Federal Tier 3 HD Class 2b Bin 170	
B5	Federal Tier 2 Bin 5		HDV2B150	Federal Tier 3 HD Class 2b Bin 150	
B6	Federal Tier 2 Bin 6		HDV2B0	Federal Tier 3 HD Class 2b Bin 0	
B7	Federal Tier 2 Bin 7		HDV3B630	Federal Tier 3 HD Class 3 Transitional Bin 630	
B8	Federal Tier 2 Bin 8		HDV3B570	Federal Tier 3 HD Class 3 Transitional Bin 570	
B9	Federal Tier 2 Bin 9		HDV3B400	Federal Tier 3 HD Class 3 Bin 400	
B10	Federal Tier 2 Bin 10		HDV3B270	Federal Tier 3 HD Class 3 Bin 270	
B11	Federal Tier 2 Bin 11		HDV3B230	Federal Tier 3 HD Class 3 Bin 230	
HDV1	HDV1 (Federal HD chassis Class 2b GVW 8501-10000)		HDV3B200	Federal Tier 3 HD Class 3 Bin 200	
HDV2	HDV2 (Federal HD chassis Class 3 GVW 10001-14000)		HDV3B0	Federal Tier 3 HD Class 3 Bin 0	
L2	California LEV-II LEV		L4SULEV100	California LEV-IV SULEV100	
L2OP	California LEV-II LEV Optional		L4SULEV125	California LEV-IV SULEV125	
U2	California LEV-II ULEV		L4SULEV15	California LEV-IV SULEV15	
S2	California LEV-II SULEV		L4SULEV150	California LEV-IV SULEV150	
ZEV	California ZEV		L4SULEV170	California LEV-IV SULEV170	
OT	Other		L4SULEV175	California LEV-IV SULEV175	
T1	Federal Tier 1		L4SULEV20	California LEV-IV SULEV20	
PZEV	California PZEV		L4SULEV200	California LEV-IV SULEV200	
L2LEV160	California LEV-II LEV160		L4SULEV230	California LEV-IV SULEV230	
L2ULEV125	California LEV-II ULEV125		L4SULEV25	California LEV-IV SULEV25	
L2SULEV30	California LEV-II SULEV30		L4SULEV30	California LEV-IV SULEV30	
L2LEV395	California LEV-II LEV395		L4SULEV75	California LEV-IV SULEV75	

Certification Summary Information Report

Test Group		VRIVT00.0193	Evaporative/Refueling Family		--
L2ULEV340	California LEV-II ULEV340		L4SULEV85	California LEV-IV SULEV85	
L2LEV630	California LEV-II LEV630		L4ULEV125	California LEV-IV ULEV125	
L2ULEV570	California LEV-II ULEV570		L4ULEV200	California LEV-IV ULEV200	
L3LEV160	California LEV-III LEV160		L4ULEV250	California LEV-IV ULEV250	
L3ULEV125	California LEV-III ULEV125		L4ULEV270	California LEV-IV ULEV270	
L3ULEV70	California LEV-III ULEV70		L4ULEV40	California LEV-IV ULEV40	
L3ULEV50	California LEV-III ULEV50		L4ULEV400	California LEV-IV ULEV400	
L3SULEV30	California LEV-III SULEV30		L4ULEV50	California LEV-IV ULEV50	
L3SULEV20	California LEV-III SULEV20		L4ULEV60	California LEV-IV ULEV60	
L3LEV395	California LEV-III LEV395		L4ULEV70	California LEV-IV ULEV70	
L3ULEV340	California LEV-III ULEV340		T4B170	Federal Tier 4 MDV Bin 170	
L3ULEV250	California LEV-III ULEV250		T4B150	Federal Tier 4 MDV Bin 150	
L3ULEV200	California LEV-III ULEV200		T4B125	Federal Tier 4 MDV Bin 125	
L3SULEV170	California LEV-III SULEV170		T4B100	Federal Tier 4 MDV Bin 100	
L3SULEV150	California LEV-III SULEV150		T4B85	Federal Tier 4 MDV Bin 85	
L3LEV630	California LEV-III LEV630		T4B75	Federal Tier 4 MDV Bin 75	
L3ULEV570	California LEV-III ULEV570		T4B70	Federal Tier 4 Bin 70	
L3ULEV400	California LEV-III ULEV400		T4B65	Federal Tier 4 Bin 65	
L3ULEV270	California LEV-III ULEV270		T4B60	Federal Tier 4 Bin 60	
L3SULEV230	California LEV-III SULEV230		T4B55	Federal Tier 4 Bin 55	
L3SULEV200	California LEV-III SULEV200		T4B50	Federal Tier 4 Bin 50	
T3B160	Federal Tier 3 Bin 160		T4B45	Federal Tier 4 Bin 45	
T3B125	Federal Tier 3 Bin 125		T4B40	Federal Tier 4 Bin 40	
T3B110	Federal Tier 3 Transitional Bin 110		T4B35	Federal Tier 4 Bin 35	
T3B85	Federal Tier 3 Transitional Bin 85		T4B30	Federal Tier 4 Bin 30	
T3SULEV30	Federal Tier 3 Transitional LEV-II SULEV30 Carryover		T4B25	Federal Tier 4 Bin 25	
T3B70	Federal Tier 3 Bin 70		T4B20	Federal Tier 4 Bin 20	
T3B50	Federal Tier 3 Bin 50		T4B15	Federal Tier 4 Bin 15	
T3B30	Federal Tier 3 Bin 30		T4B10	Federal Tier 4 Bin 10	
T3B20	Federal Tier 3 Bin 20		T4B5	Federal Tier 4 Bin 5	
T3B0	Federal Tier 3 Bin 0		T4B0	Federal Tier 4 Bin 0	
HDV2B395	Federal Tier 3 HD Class 2b Transitional Bin 395				
Transmission Type Code					
AMS	Automated Manual- Selectable (e.g. Automated Manual with paddles)	M	Manual		
A	Automatic	OT	Other		
AM	Automated Manual	SA	Semi-Automatic		
CVT	Continuously Variable	SCV	Selectable Continuously Variable (e.g. CVT with paddles)		
Drive System Code					
4	4-Wheel Drive	P	Part-time 4-Wheel Drive		

Certification Summary Information Report

Test Group		VRIVT00.0193	Evaporative/Refueling Family		--
F	2-Wheel Drive, Front		A	All Wheel Drive	
R	2-Wheel Drive, Rear				
Additional Terms and Acronyms					
AFC	Alternative Fuel Converter		ICI	Independent Commercial Importer	
CSI	Certificate Summary Information		ORVR	Onboard Refueling Vapor Recovery	
DF	Deterioration Factor		SIL	Shift Indicator Light	
Evap	Evaporation, Evaporative		Trans	Transmission	

Suggested ZEV Application Format for Certification

E.O.#. _____ Page 1 of 22027 MODEL-YEAR AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
ZEV-PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLESManufacturer: Rivian Automotive, LLC Test Group: VRIVT00.0193Vehicle Class(es): PC____, LDT1 (0-3750 lbs. LVW)____, LDT2 ($\geq$ 3,751 lbs. LVW)____,
MDV6 (8,500-10,000 lbs. GVW) X, MDV7 (10,001-14,000 lbs. GVW)____ZEV Type: NEV____, ZEV XVehicle value: 0.8 (ACT)Fuel Type: Electro-chemical Battery X, Fuel Cell____, Capacitor____, Other (specify)____

Battery Type(s): Lead Acid____ Nickel Cadmium____ SBLA____ Sodium Sulfur____

Sodium Nickel Chloride____ Nickel Metal Hydride____ Lithium Metal Disulfide____

Zinc Air____ Zinc Bromine____ Lithium Polymer____ Lithium Ion X,

Other (specify): _____

Total Battery Weight (kg.): 787 Total Battery Volume (liters): 562No. of batteries or modules per vehicle: 1 Total Battery Voltage: 392Charger(s): On-board X Off-board X Conductive X Inductive____.

Drive Motors(s): AC Induction____ DC Brush____ DC Brushless____

Switched Reluctance____ Other (specify): AC Permanent Magnet.No. of Drive Motors 3 Rated motor power 233 kW @ 4985 RPM Front
2x 201 kW @ 5252 RPM Rears Max rpm: 16000.Drive: FWD____ RWD____ 4WD-FT____ 4WD-PT XRegenerative Braking: No____ Yes X FW____ RW____ AW X.Driver Controlled Regen Braking: Yes X No____ Coast Regen Braking: Yes X No____.Air Conditioning: Yes X No____, Fuel Fired Heater:¹ Yes____ No X.

Vehicle Make & Models (If coded, see attachments)	Trans type M5, A4 (If applicable)	GVWR	Curb Weight	ETW or Test Weight	DPA / RLHP or Dyno Coeff. a=, b=, c=
Make: Rivian Model: R1S Performance (20in) R1T Performance (20in)	Automatic	8532 lbs.	6812 lbs. (R1S) 6791 lbs. (R1T)	7000 lbs.	Conserve a: 50.29 lbf b: 0.1959 lbf/mph c: 0.02565 lbf/mph ² All-Purpose a: 50.29 lbf b: 0.1959 lbf/mph c: 0.02565 lbf/mph ²

Date Issued: 05/22/2026

Revisions:

¹ Fuel fired heaters are not allowed in pure ZEVs for model year 2009 and subsequently.

Suggested ZEV Application Format for Certification

E.O.#. _____ Page 2 of 22027 MODEL-YEAR AIR RESOURCES BOARD CERTIFICATION REVIEW SHEET
ZEV-PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLESManufacturer: Rivian Automotive, LLC Test Group: VRIVT00.0193

Range Test Results							
Vehicle ID	Trans	(check one) ____TW ____X____ETW	(check one) ____DPA ____RLHP Or dyno coeff.	City Range	System AC (Wh/mi)	System DC (Wh/mi)	Vehicle DC (Wh/mi)
R1S351XR20	Auto	7000 lbs.	Conserve/All-Purpose: a: -2.33 lbs b: -0.1230 lbs/mph c: 0.02633 lbs/mph ²	Conserve: 552.97 All-Purpose: 455.52	292.66 358.20	250.68 304.51	250.68 304.51
				Hwy. Range	System AC (Wh/mi)	System DC (Wh/mi)	Vehicle DC (Wh/mi)
				Conserve: 470.75 All-Purpose: 399.61	343.78 408.32	294.46 347.11	294.46 347.11

Battery Test Results: PASS Specific Energy: Wh/kg 190

Remarks:

Date Issued: 05/22/2026 Revisions:

----- ARB USE ONLY -----

Application:

Processed By: _____ Date: _____ Reviewed by: _____ Date: _____

Suggested ZEV Application Format for Certification

E.O.#. _____ Page 1 of 22027 MODEL-YEAR AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
ZEV-PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLESManufacturer: Rivian Automotive, LLC Test Group: VRIVT00.0193Vehicle Class(es): PC____, LDT1 (0-3750 lbs. LVW)____, LDT2 ($\geq$ 3,751 lbs. LVW)____,
MDV6 (8,500-10,000 lbs. GVW) X, MDV7 (10,001-14,000 lbs. GVW)____ZEV Type: NEV____, ZEV XVehicle value: 0.8 (ACT)Fuel Type: Electro-chemical Battery X, Fuel Cell____, Capacitor____, Other (specify)____

Battery Type(s): Lead Acid____ Nickel Cadmium____ SBLA____ Sodium Sulfur____

Sodium Nickel Chloride____ Nickel Metal Hydride____ Lithium Metal Disulfide____

Zinc Air____ Zinc Bromine____ Lithium Polymer____ Lithium Ion X,

Other (specify): _____

Total Battery Weight (kg.): 787 Total Battery Volume (liters): 562No. of batteries or modules per vehicle: 1 Total Battery Voltage: 392Charger(s): On-board X Off-board X Conductive X Inductive____.

Drive Motors(s): AC Induction____ DC Brush____ DC Brushless____

Switched Reluctance____ Other (specify): AC Permanent Magnet.No. of Drive Motors 3 Rated motor power 233 kW @ 4985 RPM Front
2x 201 kW @ 5252 RPM Rears Max rpm: 16000.Drive: FWD____ RWD____ 4WD-FT____ 4WD-PT XRegenerative Braking: No____ Yes X FW____ RW____ AW X.Driver Controlled Regen Braking: Yes X No____ Coast Regen Braking: Yes X No____.Air Conditioning: Yes X No____, Fuel Fired Heater:¹ Yes____ No X.

Vehicle Make & Models (If coded, see attachments)	Trans type M5, A4 (If applicable)	GVWR	Curb Weight	ETW or Test Weight	DPA / RLHP or Dyno Coeff. a=, b=, c=
Make: Rivian Model: R1S Performance (22in) R1T Performance (22in)	Automatic	8532 lbs.	6812 lbs. (R1S) 6791 lbs. (R1T)	7000 lbs.	Conserve a: 45.62 lbf b: 0.2727 lbf/mph c: 0.02222 lbf/mph ² All-Purpose a: 46.02 lbf b: 0.1417 lbf/mph c: 0.02689 lbf/mph ²

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¹ Fuel fired heaters are not allowed in pure ZEVs for model year 2009 and subsequently.

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ZEV-PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLESManufacturer: Rivian Automotive, LLC Test Group: VRIVT00.0193

Range Test Results							
Vehicle ID	Trans	(check one) ____ TW ____ <u>X</u> ETW	(check one) ____ DPA ____ RLHP Or dyno coeff.	City Range	System AC (Wh/mi)	System DC (Wh/mi)	Vehicle DC (Wh/mi)
R1S351XR22	Auto	7000 lbs.	Conserve/All-Purpose: a: -8.16 lbs b: 0.2842 lbs/mph c: 0.02125 lbs/mph ²	Conserve: 596.30	274.04	234.17	234.17
				All-Purpose: 512.64	319.27	272.31	272.31
				Hwy. Range	System AC (Wh/mi)	System DC (Wh/mi)	Vehicle DC (Wh/mi)
				Conserve: 517.42	315.82	269.87	269.87
				All-Purpose: 439.86	372.27	317.37	317.37

Battery Test Results: PASS Specific Energy: Wh/kg 190

Remarks:

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MDV6 (8,500-10,000 lbs. GVW) X, MDV7 (10,001-14,000 lbs. GVW)____ZEV Type: NEV____, ZEV XVehicle value: 0.8 (ACT)Fuel Type: Electro-chemical Battery X, Fuel Cell____, Capacitor____, Other (specify)____

Battery Type(s): Lead Acid____ Nickel Cadmium____ SBLA____ Sodium Sulfur____

Sodium Nickel Chloride____ Nickel Metal Hydride____ Lithium Metal Disulfide____

Zinc Air____ Zinc Bromine____ Lithium Polymer____ Lithium Ion X,

Other (specify): _____

Total Battery Weight (kg.): 787 Total Battery Volume (liters): 562No. of batteries or modules per vehicle: 1 Total Battery Voltage: 392Charger(s): On-board X Off-board X Conductive X Inductive____.

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Switched Reluctance____ Other (specify): AC Permanent Magnet.No. of Drive Motors 3 Rated motor power 233 kW @ 4985 RPM Front
2x 201 kW @ 5252 RPM Rears Max rpm: 16000.Drive: FWD____ RWD____ 4WD-FT____ 4WD-PT XRegenerative Braking: No____ Yes X FW____ RW____ AW X.Driver Controlled Regen Braking: Yes X No____ Coast Regen Braking: Yes X No____.Air Conditioning: Yes X No____, Fuel Fired Heater:¹ Yes____ No X.

Vehicle Make & Models (If coded, see attachments)	Trans type M5, A4 (If applicable)	GVWR	Curb Weight	ETW or Test Weight	DPA / RLHP or Dyno Coeff. a=, b=, c=
Make: Rivian Model: R1S Performance (20in AT) R1T Performance (20in AT)	Automatic	8532 lbs.	6951 lbs. (R1S) 6952 lbs. (R1T)	7000 lbs.	Conserve a: 57.27 lbf b: 0.5062 lbf/mph c: 0.02077 lbf/mph ² All-Purpose a: 57.34 lbf b: 0.4310 lbf/mph c: 0.02406 lbf/mph ²

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Range Test Results							
Vehicle ID	Trans	(check one) ____TW ____X____ETW	(check one) ____DPA ____RLHP Or dyno coeff.	City Range	System AC (Wh/mi)	System DC (Wh/mi)	Vehicle DC (Wh/mi)
R1T358XR20	Auto	7500 lbs.	Conserve/All-Purpose: a: -12.35 lbs b: 0.2486 lbs/mph c: 0.02198 lbs/mph ²	Conserve: 514.86	317.18	271.77	271.77
				All-Purpose: 444.31	367.86	313.52	313.52
				Hwy. Range	System AC (Wh/mi)	System DC (Wh/mi)	Vehicle DC (Wh/mi)
				Conserve: 453.73	359.92	308.39	308.39
				All-Purpose: 389.50	419.62	357.64	357.64

Battery Test Results: PASS Specific Energy: Wh/kg 190

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