

Certification Summary Information Report

Manufacturer	Rivian Automotive LLC	Manufacturer Code	RIV
Test Group	VRIVT00.0193	Evaporative/Refueling Family	--
Certificate Number	VRIVT00.0193-004	CARB Executive Order #	--
Certificate Issue Date	07/07/2026	Certificate Revision Date	--
Certificate Effective Date	07/07/2026	Conditional Certificate	No
CSI Revision #	--	CSI Submission/Revision Date	07/02/2026 01:53:44 PM
Model Year	2027		

Test Group Information

CSI Type	Update for Correction	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	07/06/2026	CAP2000 Conditional Certificate?	No
Independent Commercial Importer?	No	Alternative Fuel Converter Certificate?	No
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	--		

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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	700 - R1T Performance (20in AT)	Federal
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	702 - R1T Performance (22in)	California + CAA Section 177 states
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	500 - R1S Performance (20in AT)	Federal
4-Wheel Drive	Automatic	1	No
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	500 - R1S Performance (20in AT)	California + CAA Section 177 states
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	714 - R1T Performance (20in)	Federal
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	700 - R1T Performance (20in AT)	California + CAA Section 177 states
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	--		

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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			
Rechargable Energy Storage System	Battery(s)	Rechargable 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.		

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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						

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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						

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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

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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			

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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																		
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																		
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																		
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																		
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		
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																		
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		
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																		
Charge Depleting Bag/Phase #6																			

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<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																		
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																		
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 Energy Economy Rating	0.44																		
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																		
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																		
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																		
Actual Distance Driven (miles)	3.858																		
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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																		
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																		
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																		
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																		
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																		
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																			

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>10.233</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>4.84</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>0.9</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>4.79</td></tr><tr><td>Integrated DC KW-HRS</td><td>3.674</td></tr><tr><td>Manufacturer Fuel Economy</td><td>35.9</td></tr></table>	Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	10.233	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	4.84	Drive Trace Energy Economy Rating	0.9	Drive Trace Inertia Work Ratio Rating	4.79	Integrated DC KW-HRS	3.674	Manufacturer Fuel Economy	35.9		
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	10.233																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	4.84																		
Drive Trace Energy Economy Rating	0.9																		
Drive Trace Inertia Work Ratio Rating	4.79																		
Integrated DC KW-HRS	3.674																		
Manufacturer Fuel Economy	35.9																		
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>1.26</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>1.23</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>2.42</td></tr><tr><td>Integrated DC KW-HRS</td><td>2.349</td></tr><tr><td>Manufacturer Fuel Economy</td><td>31.5</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	1.26	Drive Trace Energy Economy Rating	1.23	Drive Trace Inertia Work Ratio Rating	2.42	Integrated DC KW-HRS	2.349	Manufacturer Fuel Economy	31.5		
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Integrated DC KW-HRS	2.349																		
Manufacturer Fuel Economy	31.5																		
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>255.753</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>60.22</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>0.06</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>99.99</td></tr><tr><td>Integrated DC KW-HRS</td><td>108.086</td></tr><tr><td>Manufacturer Fuel Economy</td><td>42.26</td></tr></table>	Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	255.753	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	60.22	Drive Trace Energy Economy Rating	0.06	Drive Trace Inertia Work Ratio Rating	99.99	Integrated DC KW-HRS	108.086	Manufacturer Fuel Economy	42.26		
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Integrated DC KW-HRS	108.086																		
Manufacturer Fuel Economy	42.26																		
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>7.445</td></tr><tr><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>Drive Trace Absolute Speed Change Rating</td><td>0.57</td></tr><tr><td>Drive Trace Energy Economy Rating</td><td>-0.07</td></tr><tr><td>Drive Trace Inertia Work Ratio Rating</td><td>0.76</td></tr><tr><td>Integrated DC KW-HRS</td><td>2.214</td></tr><tr><td>Manufacturer Fuel Economy</td><td>29.74</td></tr></table>	Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	7.445	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	0.57	Drive Trace Energy Economy Rating	-0.07	Drive Trace Inertia Work Ratio Rating	0.76	Integrated DC KW-HRS	2.214	Manufacturer Fuel Economy	29.74		
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Drive Trace Inertia Work Ratio Rating	0.76																		
Integrated DC KW-HRS	2.214																		
Manufacturer Fuel Economy	29.74																		
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																		
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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																		
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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			
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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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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<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		
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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>10.23</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																		
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																		
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			
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																		
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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		
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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.

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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			
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																		
Actual Distance Driven (miles)	3.854																		
Carbon-Related Exhaust Emissions	0																		
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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 Combustion	--					
Multiple Fuel Storage	--	Rechargeable Energy Storage System Indicator	Yes					
Fuel Cell Indicator	No	Rechargeable Energy Storage System, if 'Other'	--					
Rechargeable Energy Storage System	Battery(s)							
Off-board charge Capable Indicator	Yes	Odometer Correction Factor	1					
Odometer Correction -- Initial	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, if 'Other'	Electric					
Air Aspiration Method	Naturally Aspirated	Air Aspiration Device Configuration	--					
Number of Air Aspiration Devices	--	Drive Mode While Testing	4-Wheel Drive					
Charge Air Cooler Type	--	Aged Emission Components	4,000 (mi)					
Shift Indicator Light Usage	Not equipped	Equivalent Test Weight (pounds)	7500					
Curb Weight (lbs)	6952	N/V Ratio	999					
GVWR (lbs)	--							
Axle Ratio	9.99	# of Transmission Gears	1					
Transmission Type	Automatic	Creep Gear	No					
Transmission Lockup	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			
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	
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>10.254</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		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 3 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		Federal			Cert/In-Use Code			Cert	
Vehicle Class		MDPV			Standard Level			Federal Tier 3 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

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 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 3 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
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

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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	

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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	

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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		

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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		