

PORSCHE

Application for Certification: Initial Part 1
Model Year: 2026
Durability Group: TPRXEEVNNEMT
Test Group: TPRXT00.0EMT
Evaporative/Refueling Family(ies): Not Applicable
Certification Summary Information Report Number(s): CSI-TPRXT00.0EMT
Durability Group Description: Chemistry: Lithium-Ion
Capacity: 151 Amp-hours
Battery Manufacturer: DFS Dräxlmaier
Test Group Description: Battery Electric Vehicle
Applicable Standards: EPA Exhaust: Tier 3 Bin Zero
CARB Exhaust: ZEV

Carlines Covered:

Macan 4 Electric Macan GTS Electric Macan 4S Electric Macan Turbo Electric Macan 4 Electric 20 in Wheels		
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Vehicles Tested: See Section 6
EPA Response Requested By: March 17, 2026
Special Instructions: Range/Energy:
For Questions Contact: emissions@porsche.us

PORSCHE

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Section 1~Correspondence and Communications

Please mail official
correspondence to:

Regulatory Affairs
Porsche Cars North America, Inc.
One Porsche Drive
Atlanta, Georgia 30354
E-mail: emissions@porsche.us

Section 2~Durability Group Description

Durability Group Name:	TPRXEEVNNEMT
Combustion Cycle:	Dedicated Electric
Engine Type:	Electric Motor
Fuel Used:	Power Grid Electricity

Porsche expects equivalent durability characteristics for all models of this test group.

Section 3~Evaporative / Refueling Family Description

Evaporative/Refueling Families

Battery-Electric Vehicles. There is no combustion engine, no fuel cell, no fuel-fired heater, and no evaporative system.

Section 4~Durability Procedure Description

Exhaust / Evaporative Deterioration

These are Battery-Electric Vehicles. There is no combustion engine, no fuel cell, no fuel-fired heater, and no evaporative system.

Section 5~Test Group Description

Durability Group Name:	TPRXEEVNNEMT
Test Group Name:	TPRXT00.0EMT
Certification Summary Information Reports:	CSI-TPRXT00.0EMT
Electric Motor Type:	AC Permanent Magnet, Synchronous
Electric Motor Size (HP):	See Section 12 (maximum system power: 576)
Electric Motor Voltage:	430-820
Battery Type:	Lithium-Ion
Battery Usable Capacity (A-h):	See Section 12 (maximum capacity: 151)
Battery Nominal Voltage (V)	661
Battery Voltage (V, minimum to maximum):	504-756
Vehicle Classes:	LDT (Light Duty Truck)
NLEV Participation:	No
Emissions Standards Class:	Federal: Tier 3 Bin Zero California ZEV
Applicable Emissions Standards:	Please refer to the Certification Summary Information Report in Section 7

Section 6~Test Vehicle Description

6.01>> Test Vehicles

	Test Vehicle ID - Configuration #	Model Type	Vehicle / Config Purpose
Certification Test Vehicles:	ECFE-XABT-26-0	Macan Turbo Electric	Range / Energy
	ECFE-XABT-26-1	Macan Turbo Electric	
	ECFE-XABT-26-2	Macan Turbo Electric	
	ECFE-XABT-26-3	Macan GTS Electric	
	ECFE-XABT-26-4	Macan GTS Electric	
	ECFE-XABS-26-0	Macan 4S Electric	
	ECFE-XABS-26-1	Macan 4S Electric	
	ECFE-XABS-26-2	Macan 4S Electric	
	ECFE-XAB4-26-0	Macan 4 Electric	
	ECFE-XAB4-26-1	Macan 4 Electric	
	ECFE-XAB4-26-2	Macan 4 Electric	

Note: In this test group every model type is a test configuration. See Section 12 for vehicle specifications.

Test vehicles' break-in mileage is done according mileage accumulation requirements per 40 CFR 86.1831.01.

Note: blank cells or tables are intentionally blank

Section 6~Test Vehicle Description

6.02>> Test Parameters, Instructions

	Carlines	Macan Electric
Engine Starting Procedures	<ol style="list-style-type: none"> 1) With key fob inside car, close the doors 2) Do not press ignition button (left side of steering column) 3) Deactivate Park Distance Control, A/C system, and Center Display 4) Leave all other selectable modes in default 5) Depress brake pedal 6) Set gear selector to Position "D" 7) "READY" will appear on cluster, above speed indicator 8) Driving can commence 9) At conclusion of drive cycle, set gear selector to "P" 10) Exit vehicle, making sure key fob stays at least 10 feet from vehicle 	
Transmission Shift Schedules, Mode	Transmission 1st to 2nd 2nd to 3rd 3rd to 4th 4th to 5th 5th to 6th 6th to 7th 7th to 8th SS II.D.	A1 N/A N/A N/A N/A N/A N/A N/A FTP – FTA; HWFE - HWA
	Transmission Mode	Transmission cannot be shifted manually; leave driving mode in default (no "Sport" or "Sport +")
Selectable modes	Other (Sport, Wet, etc.)	All selectable modes to be left in default positions.
Other	Cooling fan	One road-speed fan, centered upright, front of vehicle
	Body apertures	Leave all apertures closed
	Drive Mode	All models are AWD, requiring AWD dynamometer
	Test lab considerations	Porsche can supply instructions separately for E-Brake, Dyno Mode, and Soak Area

Note: blank cells or tables are intentionally blank

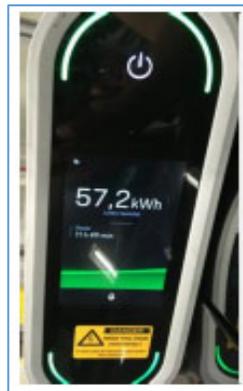
Section 6~Test Vehicle Description

6.02.02>< Battery Charge Procedures

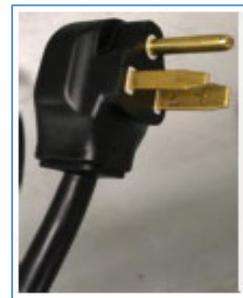
Vehicle Charging Procedures	<ol style="list-style-type: none"> 1) Mobile Charger (standard retail equipment) is supplied with test vehicle(s) 2) Charger input is 208-240V AC, NEMA 14-50 plug (also 110V, NEMA 5-15) 3) Use vehicle left or right side charging port; ports accessible by "press to open" action ** 4) Mobile Charger Connect has touch-screen display; used to monitor charge energy, charging time, and status 5) While charging, lock the car with the fob and place fob at least 10 feet from the vehicle 6) At end Charger displays "Charging Finished", or "Ladevorgang geschlossen" in German version 7) Charge energy and charge status also appear on the center console display 8) Reverse order to complete charging sequence
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"Mobile Charger Connect"



Mobile Charger Connect -- display / touch screen



NEMA 14-50 plug



Charger socket access on vehicle



Use center console display for greatest accuracy *

** Optionally, if so equipped, charge door is opened with a hand wave under the door.

Note: "Mobile Charger Plus" (not shown) may also be supplied. Same as Connect but with simple LEDs, no touch screen.

* State-of-Charge (SOC) is calculated using the integral of current sensor output and calibrated with cell voltage sensors.

Note: optional "19.2 kW On-Board Charger" may accompany production vehicles; instructions for this charger can be supplied.

Macan Electric supports DC fast charging up to a maximum of 250 KW

Section 6~Test Vehicle Description

6.02.03>< Vehicle Handling and Voltage / Current Measurement Procedures

Note: These instructions apply to certification vehicles only. Voltage and current analysis on production vehicles can only be accomplished via control unit communications. Instructions on the following pages.

Section 6~Test Vehicle Description

6.02.04>< Description of the Climate Control System

Overview:

1. Models are equipped with a cabin climate control system.
2. Climate control systems use R1234yf refrigerant.
3. If the high-voltage battery charge is less than 10%, A/C functions will first be restricted, then turned off, automatically.
4. Interior cooling switches off automatically and cannot be turned on at temperatures below 36 F (2 C).
5. The system has an "ECO" mode that switches off rear air conditioning and reduces the interior comfort level in favor of increased range, and limits other air conditioning functions in order to optimize energy consumption.
6. Cabin pre-heating and pre-cooling is possible, if the high voltage battery is charged 25% or higher, and the vehicle is switched off.
7. Porsche does NOT offer a fuel-fired heater for any of its products.

Operation:

1. Switching off the vehicle's climate control system:

Central display

▶  ▶ Climate  ▶ Ventilation ▶ OFF
The OFF display appears on the center console control unit and the touch display in the rear, the fresh air supply is interrupted and air conditioning is switched off.

2. Selecting ECO mode:

Central display

▶  ▶ Climate  ▶ Ventilation ▶ ECO

Section 6~Test Vehicle Description

6.02.05>< BEV Proper and Safe Operation

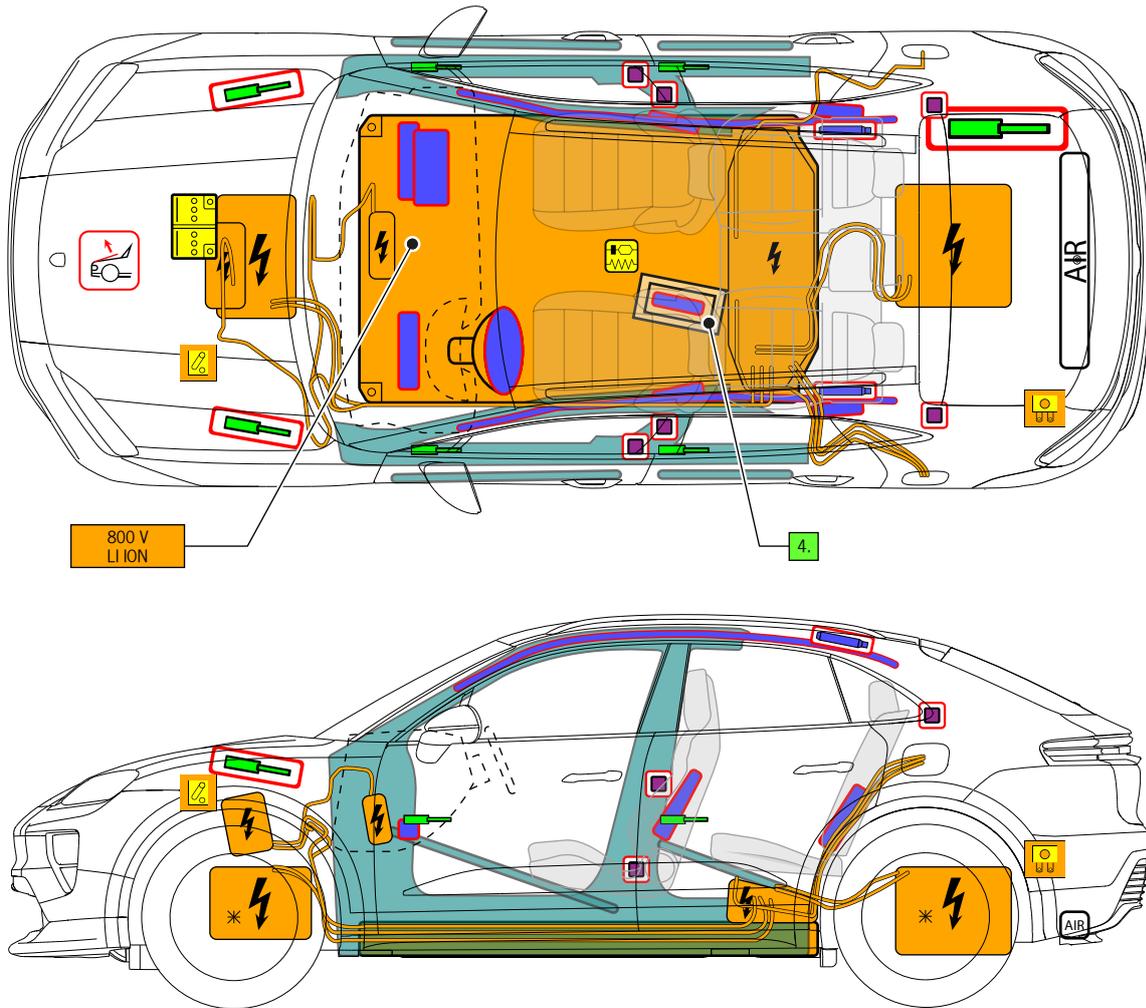
Porsche supplies the following safety recommendations, warnings, and special precautions for rescue personnel such as tow truck operators and first responders. These pages are available via Porsche-operated websites (<https://www.porsche.com/usa/accessoriesandservices/porscheservice/vehicleinformation/emergencyresponders/>). Additionally, safe handling and shop personnel protection procedures are detailed in existing Porsche technician training documentation. This documentation can be supplied upon request.



Porsche AG, Macan H2 SUV, as from model year 2023



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Note: The maximum possible equipment is shown.

	Airbag		Stored gas inflator		Seat belt pretensioner		SRS control unit		Pedestrian protection active system
			Gas strut / Preloaded spring		High strength zone		Zone requiring special attention		
	Battery low voltage		High-voltage battery		High-voltage power cable		Low voltage device that disconnects high voltage		Fuse box disabling high voltage
	Air tank		High voltage component						



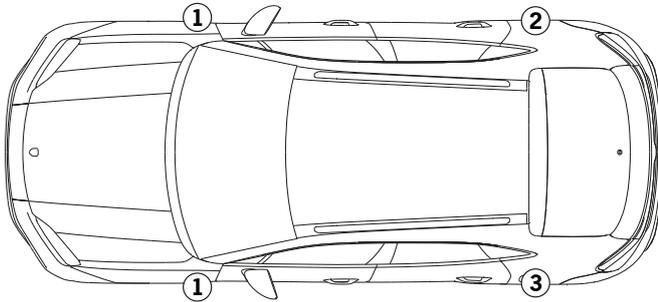
Porsche AG, Macan H2 SUV, as from model year 2023

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1. Identification / recognition



The lack of engine noise does not mean that the vehicle is turned off.
Restart is possible until the vehicle is decommissioned.



Equipment-dependent



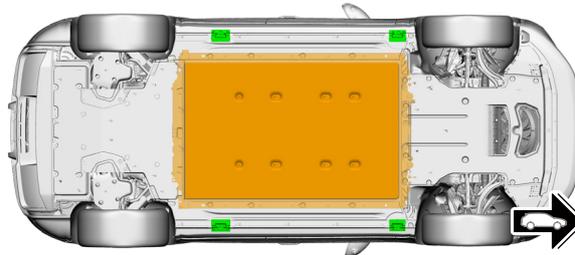
2. Immobilization / stabilisation / lifting

Immobilizing the vehicle

Actuate electric parking brake



Lifting points

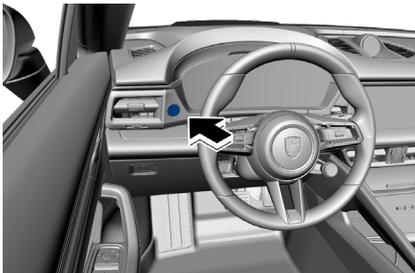


Suitable lifting points

High-voltage battery

Switching off ignition

Press "Start-Stop" button on the instrument panel

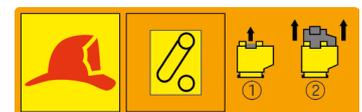
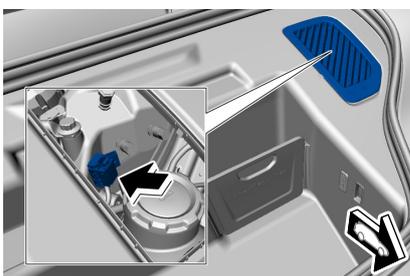


3. Disable direct hazards / safety regulations

The high-voltage system is automatically disabled in the event of accidents in which the airbag is triggered. The high-voltage system is de-energised approx. 20 seconds after the disabling.

Disabling high-voltage system

Option 1: from the engine compartment



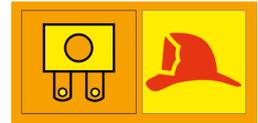
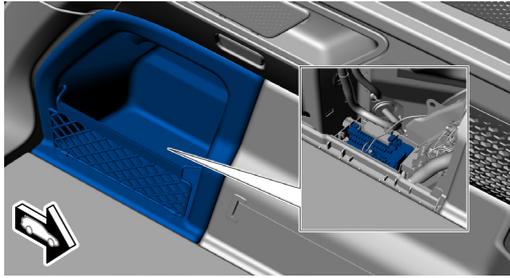


Porsche AG, Macan H2 SUV, as from model year 2023

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Option 2: from the vehicle rear



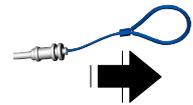
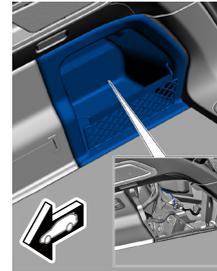
Do not touch, cut or open high-voltage components and high-voltage battery!
Wear appropriate protective equipment!



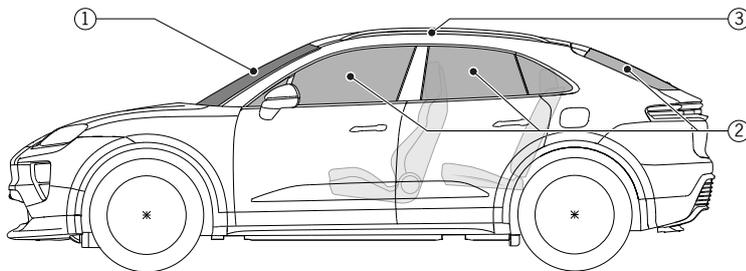
Disconnecting 12-volt battery

Disconnect negative terminal from the body contact point

Disconnecting from charging station (emergency release), left and right



4. Access to the occupants



Glass types

- ① Laminated safety glass
- ② Equipment-dependent: Single-pane safety glass or laminated safety glass
- ③ Equipment-dependent: Single-pane safety glass

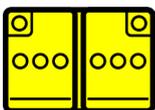


The centre airbag is located inside the driver's seat inner backrest padding.

5. Stored energy / liquids / gases / solids



LI ION
800 V



12 V



Porsche AG, Macan H2 SUV, as from model year 2023

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If coolant is leaking from the battery cooling system, there is the risk of a thermal reaction in the high-voltage battery.
Monitor high-voltage battery temperature.



6. In case of fire



Lithium-ion batteries may self-ignite or re-ignite after the fire has been extinguished!
Wear appropriate protective equipment!



7. In case of submersion

After recovering the vehicle from the water, disable the high-voltage system (see section 3) and allow the water to drain. Wear appropriate protective equipment!

8. Towing / transportation / storage



Lithium-ion batteries may self-ignite or re-ignite after the fire has been extinguished!
Wear appropriate protective equipment!



In the case of vehicles involved in an accident or if the HV battery is damaged or unusual: disable high-voltage system (see section 3). Park vehicle a safe distance from buildings and other vehicles (quarantine area).



Do not tow a vehicle involved in an accident on its drive axles.



9. Important additional information

You can find further information on assistance in the event of an accident and recovery of vehicles with high-voltage systems at:

<https://www.vda.de/de/themen/automobilindustrie/standards-und-normung/retten-und-bergen>

10. Explanation of pictograms used



Electric Vehicle



General warning sign



Warning, Electricity



Flammable



Explosive



Corrosives



Hazardous to the human health



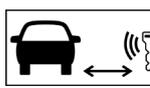
Environmental hazard



Bonnet



Boot



Remove smart key



Use thermal Infrared camera



Dangerous voltage



Use water to extinguish the fire

Section 6~Test Vehicle Description

6.03.01>> Dynamometer Parameters

Vehicle ID	Model Name	Trans	ETW [lbf]	Single Roll Coefficients (target)		
				A [lbf]	B [lbf/mph]	C [lbf/mph ²]
ECFE-XABT-26-0	Macan Turbo Electric	A1	6000	47.97	0.1791	0.02438
ECFE-XABT-26-1	Macan Turbo Electric	A1	6000	41.01	0.2044	0.02208
ECFE-XABT-26-2	Macan Turbo Electric	A1	6000	39.00	0.2044	0.02067
ECFE-XABT-26-3	Macan GTS Electric	A1	6000	47.97	0.1791	0.02438
ECFE-XABT-26-4	Macan GTS Electric	A1	6000	41.01	0.2044	0.02208
ECFE-XABS-26-0	Macan 4S Electric	A1	6000	49.80	-0.0376	0.02777
ECFE-XABS-26-1	Macan 4S Electric	A1	6000	41.12	0.1585	0.02422
ECFE-XABS-26-2	Macan 4S Electric	A1	5500	37.90	0.1585	0.02401
ECFE-XAB4-26-0	Macan 4 Electric	A1	5500	39.88	0.3817	0.02185
ECFE-XAB4-26-1	Macan 4 Electric	A1	5500	35.27	0.2760	0.02144
ECFE-XAB4-26-2	Macan 4 Electric	A1	5500	33.09	0.2760	0.01981

Vehicle ID	Model Name	Trans	ETW [lbf]	Single Roll Coefficients (set)		
				A [lbf]	B [lbf/mph]	C [lbf/mph ²]
ECFE-XABT-26-0	Macan Turbo Electric	A1	6000	-0.51	0.1749	0.01987
ECFE-XABT-26-1	Macan Turbo Electric	A1	6000	-6.05	0.2077	0.01745
ECFE-XABT-26-2	Macan Turbo Electric	A1	6000	-8.40	0.2187	0.01598
ECFE-XABT-26-3	Macan GTS Electric	A1	6000	-0.51	0.1749	0.01987
ECFE-XABT-26-4	Macan GTS Electric	A1	6000	-6.05	0.2077	0.01745
ECFE-XABS-26-0	Macan 4S Electric	A1	6000	-2.21	0.0509	0.02161
ECFE-XABS-26-1	Macan 4S Electric	A1	6000	-10.31	0.2484	0.01790
ECFE-XABS-26-2	Macan 4S Electric	A1	5500	-13.24	0.2474	0.01774
ECFE-XAB4-26-0	Macan 4 Electric	A1	5500	0.73	0.1647	0.02167
ECFE-XAB4-26-1	Macan 4 Electric	A1	5500	-5.13	0.0483	0.02130
ECFE-XAB4-26-2	Macan 4 Electric	A1	5500	-7.72	0.0675	0.01946

Note: Porsche's RLHP measurement and calculation methods are available upon request.

Note: blank cells or tables are intentionally blank.

Section 6~Test Vehicle Description

6.04>> Evaporative Parameters

These are Battery-Electric Vehicles. There is no combustion engine, no fuel-fired heater, and no fuel cell, and therefore no evaporative emissions control system.

Section 7~Test Results

7.01>> Exhaust / Evaporative Standards

Exhaust Emissions Standards: Federal: Tier 3 Bin Zero California: ZEV

Evaporative Standards: Federal: N/A California: N/A

Certification Tests:

Energy / Range Data:

Model / Type

MCT (Multi-Cycle Test)

Macan Turbo Electric FEDV1

TPRX10092195

Macan Turbo Electric FEDV2

TPRX10092196

Macan Turbo Electric FEDV3

TPRX10092197

Macan GTS Electric FEDV1

TPRX10092195

Macan GTS Electric FEDV2

TPRX10092196

Macan 4 Electric FEDV1

TPRX10092161

Macan 4 Electric FEDV2

TPRX10092162

Macan 4 Electric FEDV3

TPRX10092164

Macan 4S Electric FEDV1

TPRX10092165

Macan 4S Electric FEDV2

TPRX10092166

Macan 4S Electric FEDV3

TPRX10092169

Section 7~Test Results

Model Year:

7.02>> GHG and Testing Compliance

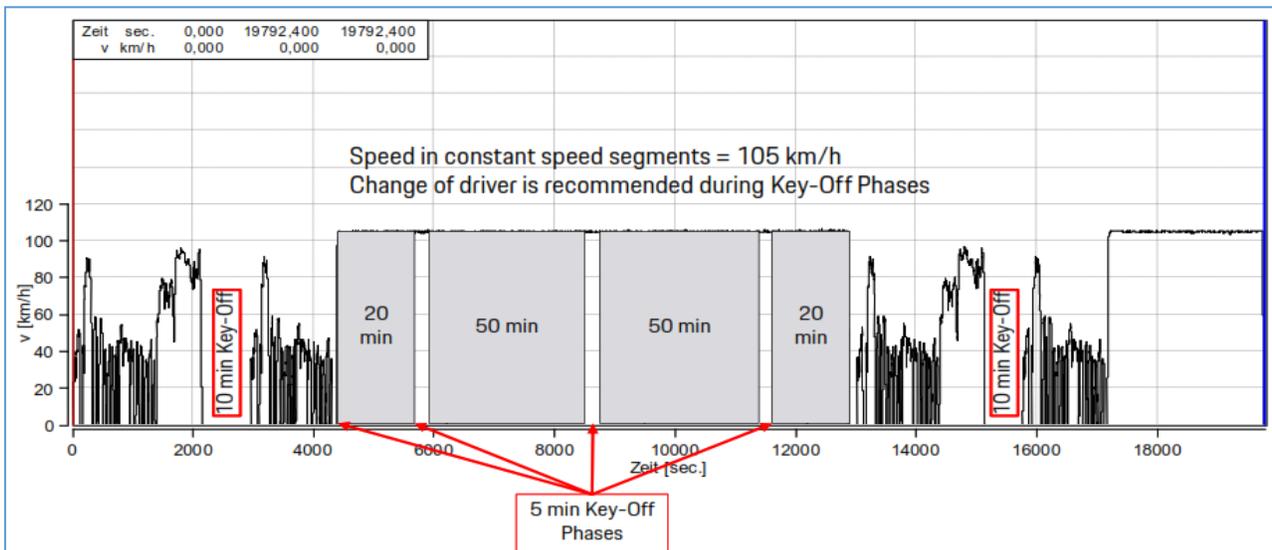
GHG in-use standards: Please refer to the VW Group's final GHG Report for this Model Year.

Start-Stop: Models in this test group are all BEVs; Auto Start-Stop does not apply.

N₂O and CH₄: Models in this test group are all BEVs.

Test cycles: Porsche chose the Multi-Cycle Test (MCT), following SAE J1634, 2017 version with certain steps excluded. This means that the constant-speed portions were run at 105 kph (65 mph).

For the California highway portion, Porsche used the "Highway All-Electric Range Test for Battery Electric Vehicles" per California Code of Regulations (CCR) title 13, section 1962.2 (F) 3.2.1.



SAE J1634: "...The CSC may be broken into distinct sub-phases of at least 5 min (unless the test termination criteria are met before this time) and no longer than 60 minutes. A 5-30 min key-off soak must be performed between each CSC sub-phase."

Section 7-Test Results

7.03>> CSI Report

The Certification Summary Information (CSI) report begins on the following page.

Certification Summary Information Report

Test Group	TPRXT00.0EMT	Evaporative/Refueling Family	--
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Models Covered by this Certificate

Carline Manufacturer	Division	Carline	Certification Region Code(s)	Drive System	Trans - Type	- # of Gears	Trans - Lockup
Porsche AG	1 - Porsche	330 - Macan 4 Electric	Federal	All Wheel Drive	Automatic	1	No
Porsche AG	1 - Porsche	373 - Macan GTS Electric	California + CAA Section 177 states	All Wheel Drive	Automatic	1	No
Porsche AG	1 - Porsche	341 - Macan Turbo Electric	California + CAA Section 177 states	All Wheel Drive	Automatic	1	No
Porsche AG	1 - Porsche	373 - Macan GTS Electric	Federal	All Wheel Drive	Automatic	1	No
Porsche AG	1 - Porsche	320 - Macan 4S Electric	California + CAA Section 177 states	All Wheel Drive	Automatic	1	No
Porsche AG	1 - Porsche	330 - Macan 4 Electric	California + CAA Section 177 states	All Wheel Drive	Automatic	1	No
Porsche AG	1 - Porsche	341 - Macan Turbo Electric	Federal	All Wheel Drive	Automatic	1	No
Porsche AG	1 - Porsche	335 - Macan 4 Electric 20in Wheels	Federal	All Wheel Drive	Automatic	1	No
Porsche AG	1 - Porsche	335 - Macan 4 Electric 20in Wheels	California + CAA Section 177 states	All Wheel Drive	Automatic	1	No
Porsche AG	1 - Porsche	320 - Macan 4S Electric	Federal	All 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	--

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		--	--	--	--	--	--	--	--	--	--

Certification Summary Information Report

Test Group	TPRXT00.0EMT	Evaporative/Refueling Family	--
SFTP LEV-III Official Test Numbers			
Test Group Fuel	FTP	US06	SC03
Electricity	--	--	--
Hybrid Electric Vehicle And Fuel Cell Information			
Rechargeable Energy Storage System	Battery(s)	Rechargeable Energy Storage System, if Other	--
Battery Type	Lithium Ion	Number of Battery Packs	1
Total Voltage of Battery Packs	765	Battery Energy Capacity	151
Battery Specific Energy	173	Battery Charger Type	Off-Board
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	No
Mfr Regenerative Braking Description	--		
Drive Motor(s)/Generator(s)	3		
Motor/Generator Type 1	AC, Perm Magnet, Synchronous	Rated Motor/Generator Power	495
Motor/Generator Type 2	AC, Perm Magnet, Synchronous	Rated Motor/Generator Power	280
Motor/Generator Type 3	AC, Perm Magnet, Synchronous	Rated Motor/Generator Power	175
Mfr Fuel Cell Description	--		
Fuel Cell On-Board H2 Storage Capacity (kg)	--	Usable H2 Fill Capacity (kg)	--
Mfr Hybrid Electric/ Electric Vehicle Comments	The models are configured as follows: Macan Turbo Electric Front Axle: 175KW, Rear Axle: 495KW, System Peak Power 430KW; Macan GTS Electric Front Axle: 175KW, Rear Axle: 495KW, System Peak Power 380KW; Macan 4S Electric: Front Axle: 175KW, Rear Axle: 280KW, System Peak Power 330KW; Macan 4 Electric: Front Axle: 175KW, Rear Axle: 280KW, System Peak Power 285KW;		

Certification Summary Information Report

Test Group	TPRXT00.0EMT	Evaporative/Refueling Family	--
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Emission Data Vehicle Information

Vehicle ID / Configuration	ECFE-XAB4-26 / 0	Manufacturer Vehicle Configuration Number	0
Original Test Group Name	TPRXT00.0EMT	Original Evaporative/Refueling Family	--
Original Test Vehicle Model Year	2026		
Vehicle Model			
Represented Test Vehicle Make	Porsche	Represented Test Vehicle Model	Macan 4 electric

Leak Family Details

Leak Family Identifier	--	Leak Family Name	--
------------------------	----	------------------	----

Drive Sources and Fuel System Details

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	1.0129
Odometer Correction -- Initial	0	+ = System Miles is equal to (Test odometer reading * Correction factor) + Initial system miles	
Odometer Correction Sign			
Odometer Correction Units	Miles	Rated Horsepower	382
Engine Code	EBZ-ECE	Air Aspiration Method, if 'Other'	
Displacement (liters)	0.001	Air Aspiration Device Configuration	--
Air Aspiration Method	Naturally Aspirated	Drive Mode While Testing	All Wheel Drive
Number of Air Aspiration Devices	--	Aged Emission Components	4,000 (mi)
Charge Air Cooler Type	N/A	Equivalent Test Weight (pounds)	5500
Shift Indicator Light Usage	Not equipped	N/V Ratio	111.7
Curb Weight (lbs)	5377	# of Transmission Gears	1
GVWR (lbs)	6437	Creeper Gear	No
Axle Ratio	9.8		
Transmission Type	Automatic		
Transmission Lockup	No		

Dynamometer Coefficients:

Coefficient Category	Target Coefficients			Set Coefficients			EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients
	A (lbf)	B (lbf/mph)	C (lbf/mph**2)	A (lbf)	B (lbf/mph)	C (lbf/mph**2)	
City/Highway/Evap	39.88	0.3817	0.02185	0.73	0.1647	0.02167	15.1

Emission Control Device Comments BEV

Certification Summary Information Report

Test Group	TPRXT00.0EMT	Evaporative/Refueling Family	--
Manufacturer Test Vehicle Comments	Macan 4 electric; Porsche Internal Name SEP416, FEDV1.		

Certification Summary Information Report

Test Group	TPRXT00.0EMT	Evaporative/Refueling Family	--
Test #	TPRX10092161	Test Procedure	77 - Multi-Cycle Test (MCT)
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity
Test Date	08/14/2025	Fuel	N/A
Fuel Batch ID	--	Fuel Calibration Number	--
Vehicle Class	N/A	DF Type	Mfr. Determined
Verify Test Lab ID	Porsche AG, Labs and Engineering		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	2867	Odometer Units	K
4WD Test Dyno	Yes	Diesel Adjustment Factor Usage	--
State of Charge Delta	Yes		
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	Road Speed Fan Usage	Yes

PHEV/EV Charge Depleting Test Information

Recharge Event Voltage	238	Recharge Event Energy (kiloWatt-hours)	107.4363
Charge Depleting Range (Calculated miles)	429.057	Charge Depleting Range (Actual miles)	429.057
Charge Depleting Range Highway (Calculated miles)	355.751	Derived 5-Cycle Coefficient Model Year	--
All Electric Range Unadjusted (miles)	--	Equivalent All Electric Range (miles)	429.057
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)	7.446
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	-1.57
Drive Trace Energy Economy Rating	-1.63
Drive Trace Inertia Work Ratio Rating	-1.79
Integrated DC KW-HRS	1.8493
Manufacturer Fuel Economy	24.836

Charge Depleting Bag/Phase #2

Certification Summary Information Report

Test Group	TPRXT00.0EMT	Evaporative/Refueling Family	--																
<table border="1"> <thead> <tr> <th>Test Result/Emission Name</th> <th>Unrounded Test Result</th> </tr> </thead> <tbody> <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>3.18</td> </tr> <tr> <td>Drive Trace Energy Economy Rating</td> <td>0.41</td> </tr> <tr> <td>Drive Trace Inertia Work Ratio Rating</td> <td>3.89</td> </tr> <tr> <td>Integrated DC KW-HRS</td> <td>2.8139</td> </tr> <tr> <td>Manufacturer Fuel Economy</td> <td>27.447</td> </tr> </tbody> </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	3.18	Drive Trace Energy Economy Rating	0.41	Drive Trace Inertia Work Ratio Rating	3.89	Integrated DC KW-HRS	2.8139	Manufacturer Fuel Economy	27.447
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	0.41																		
Drive Trace Inertia Work Ratio Rating	3.89																		
Integrated DC KW-HRS	2.8139																		
Manufacturer Fuel Economy	27.447																		
Charge Depleting Bag/Phase #3																			
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Drive Trace Inertia Work Ratio Rating	-1.89																		
Integrated DC KW-HRS	1.6935																		
Manufacturer Fuel Economy	22.741																		
Charge Depleting Bag/Phase #4																			
<table border="1"> <thead> <tr> <th>Test Result/Emission Name</th> <th>Unrounded Test Result</th> </tr> </thead> <tbody> <tr> <td>Actual Distance Driven (miles)</td> <td>215.647</td> </tr> <tr> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>Drive Trace Absolute Speed Change Rating</td> <td>9.79</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>19.69</td> </tr> <tr> <td>Integrated DC KW-HRS</td> <td>72.7259</td> </tr> <tr> <td>Manufacturer Fuel Economy</td> <td>33.725</td> </tr> </tbody> </table>				Test Result/Emission Name	Unrounded Test Result	Actual Distance Driven (miles)	215.647	Carbon-Related Exhaust Emissions	0	Drive Trace Absolute Speed Change Rating	9.79	Drive Trace Energy Economy Rating	0.02	Drive Trace Inertia Work Ratio Rating	19.69	Integrated DC KW-HRS	72.7259	Manufacturer Fuel Economy	33.725
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Drive Trace Energy Economy Rating	0.02																		
Drive Trace Inertia Work Ratio Rating	19.69																		
Integrated DC KW-HRS	72.7259																		
Manufacturer Fuel Economy	33.725																		
Charge Depleting Bag/Phase #5																			
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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	-1.77																		
Drive Trace Inertia Work Ratio Rating	-2																		
Integrated DC KW-HRS	1.6151																		
Manufacturer Fuel Economy	21.682																		
Charge Depleting Bag/Phase #6																			

Certification Summary Information Report

Test Group	TPRXT00.0EMT	Evaporative/Refueling Family	--
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Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	10.253
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	3.37
Drive Trace Energy Economy Rating	0.46
Drive Trace Inertia Work Ratio Rating	4.1
Integrated DC KW-HRS	2.6694
Manufacturer Fuel Economy	26.035

Charge Depleting Bag/Phase #7

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	7.448
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	-1.68
Drive Trace Energy Economy Rating	-1.66
Drive Trace Inertia Work Ratio Rating	-1.93
Integrated DC KW-HRS	1.6338
Manufacturer Fuel Economy	21.936

Charge Depleting Bag/Phase #8

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	29.37
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	3.64
Drive Trace Energy Economy Rating	-0.28
Drive Trace Inertia Work Ratio Rating	7.31
Integrated DC KW-HRS	10.1315
Manufacturer Fuel Economy	34.496

Manufacturer Test Comments

MACAN 4 FEDV1. Internal Test Number: 25024294

Certification Summary Information Report

Test Group	TPRXT00.0EMT	Evaporative/Refueling Family	--						
Emission Data Vehicle Information									
Vehicle ID / Configuration	ECFE-XAB4-26 / 1	Manufacturer Vehicle Configuration Number	0						
Original Test Group Name	TPRXT00.0EMT	Original Evaporative/Refueling Family	--						
Original Test Vehicle Model Year	2026								
Vehicle Model									
Represented Test Vehicle Make	Porsche	Represented Test Vehicle Model	Macan 4 electric						
Leak Family Details									
Leak Family Identifier	--	Leak Family Name	--						
Drive Sources and Fuel System Details									
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 33%;">Drive Source and Fuel#</th> <th style="width: 33%;">Drive Source</th> <th style="width: 33%;">Fuel</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td> <td style="text-align: center;">Electric Motor</td> <td style="text-align: center;">Electricity</td> </tr> </tbody> </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	1.0129						
Odometer Correction -- Initial	0								
Odometer Correction Sign	+ = System Miles is equal to (Test odometer reading * Correction factor) + Initial system miles								
Odometer Correction Units	Miles								
Engine Code	EBZ-ECE	Rated Horsepower	382						
Displacement (liters)	0.001	Air Aspiration Method, if 'Other'							
Air Aspiration Method	Naturally Aspirated	Air Aspiration Device Configuration	--						
Number of Air Aspiration Devices	--	Drive Mode While Testing	All Wheel Drive						
Charge Air Cooler Type	N/A	Aged Emission Components	4,000 (mi)						
Shift Indicator Light Usage	Not equipped	Equivalent Test Weight (pounds)	5500						
Curb Weight (lbs)	5379	N/V Ratio	111.7						
GVWR (lbs)	6437								
Axle Ratio	9.8	# of Transmission Gears	1						
Transmission Type	Automatic	Creeper Gear	No						
Transmission Lockup	No								
Dynamometer Coefficients:									
Target Coefficients			Set Coefficients						
Coefficient Category	A (lbf)	B (lbf/mph)	C (lbf/mph**2)						
City/Highway/Evap	35.27	0.276	0.02144						
			A (lbf)						
			-5.13						
			B (lbf/mph)						
			0.0483						
			C (lbf/mph**2)						
			0.0213						
			EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients						
			13.7						
Emission Control Device Comments	BEV								

Certification Summary Information Report

Test Group	TPRXT00.0EMT	Evaporative/Refueling Family	--
Manufacturer Test Vehicle Comments	Macan 4 electric; Porsche Internal Name SEP416, FEDV2.		

Certification Summary Information Report

Test Group	TPRXT00.0EMT	Evaporative/Refueling Family	--
Test #	TPRX10092162	Test Procedure	77 - Multi-Cycle Test (MCT)
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity
Test Date	07/24/2025	Fuel	N/A
Fuel Batch ID	--	Fuel Calibration Number	--
Vehicle Class	N/A	DF Type	Mfr. Determined
Verify Test Lab ID	Porsche AG, Labs and Engineering		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	2094	Odometer Units	M
4WD Test Dyno	Yes	Diesel Adjustment Factor Usage	--
State of Charge Delta	Yes		
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	Road Speed Fan Usage	Yes

PHEV/EV Charge Depleting Test Information

Recharge Event Voltage	238	Recharge Event Energy (kiloWatt-hours)	106.5913
Charge Depleting Range (Calculated miles)	469.475	Charge Depleting Range (Actual miles)	469.475
Charge Depleting Range Highway (Calculated miles)	395.474	Derived 5-Cycle Coefficient Model Year	--
All Electric Range Unadjusted (miles)	--	Equivalent All Electric Range (miles)	469.475
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)	7.448
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	-1.76
Drive Trace Energy Economy Rating	-1.92
Drive Trace Inertia Work Ratio Rating	-2.12
Integrated DC KW-HRS	1.6786
Manufacturer Fuel Economy	22.538

Charge Depleting Bag/Phase #2

Certification Summary Information Report

Test Group	TPRXT00.0EMT	Evaporative/Refueling Family	--																
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Test Result/Emission Name	Unrounded Test Result																		
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Charge Depleting Bag/Phase #3																			
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Drive Trace Inertia Work Ratio Rating	-2.36																		
Integrated DC KW-HRS	1.5667																		
Manufacturer Fuel Economy	21.03																		
Charge Depleting Bag/Phase #4																			
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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	0.14																		
Drive Trace Inertia Work Ratio Rating	18.15																		
Integrated DC KW-HRS	73.4076																		
Manufacturer Fuel Economy	30.707																		
Charge Depleting Bag/Phase #5																			
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Drive Trace Inertia Work Ratio Rating	-2.37																		
Integrated DC KW-HRS	1.4824																		
Manufacturer Fuel Economy	19.895																		
Charge Depleting Bag/Phase #6																			

Certification Summary Information Report

Test Group	TPRXT00.0EMT	Evaporative/Refueling Family	--
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Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	10.253
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	3.08
Drive Trace Energy Economy Rating	0.21
Drive Trace Inertia Work Ratio Rating	3.83
Integrated DC KW-HRS	2.4008
Manufacturer Fuel Economy	23.416

Charge Depleting Bag/Phase #7

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	7.45
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	-1.85
Drive Trace Energy Economy Rating	-1.86
Drive Trace Inertia Work Ratio Rating	-2.3
Integrated DC KW-HRS	1.4864
Manufacturer Fuel Economy	19.952

Charge Depleting Bag/Phase #8

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	34.799
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	2.2
Drive Trace Energy Economy Rating	-0.34
Drive Trace Inertia Work Ratio Rating	4.43
Integrated DC KW-HRS	10.8813
Manufacturer Fuel Economy	31.269

Manufacturer Test Comments

MACAN 4 FEDV2. Internal Test Number: 25024299

Certification Summary Information Report

Test Group	TPRXT00.0EMT		Evaporative/Refueling Family	--						
Emission Data Vehicle Information										
Vehicle ID / Configuration	ECFE-XAB4-26 / 2		Manufacturer Vehicle Configuration Number	0						
Original Test Group Name	TPRXT00.0EMT		Original Evaporative/Refueling Family	--						
Original Test Vehicle Model Year	2026									
Vehicle Model										
Represented Test Vehicle Make	Porsche		Represented Test Vehicle Model	Macan 4 electric						
Leak Family Details										
Leak Family Identifier	--		Leak Family Name	--						
Drive Sources and Fuel System Details										
	<table border="1"> <thead> <tr> <th>Drive Source and Fuel#</th> <th>Drive Source</th> <th>Fuel</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Electric Motor</td> <td>Electricity</td> </tr> </tbody> </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	1.0129						
Odometer Correction -- Initial	0									
Odometer Correction Sign	+ = System Miles is equal to (Test odometer reading * Correction factor) + Initial system miles									
Odometer Correction Units	Miles									
Engine Code	EBZ-ECE		Rated Horsepower	382						
Displacement (liters)	0.001		Air Aspiration Method, if 'Other'							
Air Aspiration Method	Naturally Aspirated		Air Aspiration Device Configuration	--						
Number of Air Aspiration Devices	--		Drive Mode While Testing	All Wheel Drive						
Charge Air Cooler Type	N/A		Aged Emission Components	4,000 (mi)						
Shift Indicator Light Usage	Not equipped		Equivalent Test Weight (pounds)	5500						
Curb Weight (lbs)	5362		N/V Ratio	111.7						
GVWR (lbs)	6437									
Axle Ratio	9.8		# of Transmission Gears	1						
Transmission Type	Automatic		Creeper Gear	No						
Transmission Lockup	No									
Dynamometer Coefficients:										
	Target Coefficients			Set Coefficients						
Coefficient Category	A (lbf)	B (lbf/mph)	C (lbf/mph**2)	A (lbf)	B (lbf/mph)	C (lbf/mph**2)	EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients			
City/Highway/Evap	33.09	0.276	0.01981	-7.72	0.0675	0.01946	12.9			
Emission Control Device Comments	BEV									

Certification Summary Information Report

Test Group	TPRXT00.0EMT	Evaporative/Refueling Family	--
Manufacturer Test Vehicle Comments	Macan 4 electric; Porsche Internal Name SEP416, FEDV3.		

Certification Summary Information Report

Test Group	TPRXT00.0EMT	Evaporative/Refueling Family	--
Test #	TPRX10092164	Test Procedure	77 - Multi-Cycle Test (MCT)
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity
Test Date	07/29/2025	Fuel	N/A
Fuel Batch ID	--	Fuel Calibration Number	--
Vehicle Class	N/A	DF Type	Mfr. Determined
Verify Test Lab ID	Porsche AG, Labs and Engineering		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	2460	Odometer Units	M
4WD Test Dyno	Yes	Diesel Adjustment Factor Usage	--
State of Charge Delta	Yes	Road Speed Fan Usage	Yes
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)		

PHEV/EV Charge Depleting Test Information

Recharge Event Voltage	238	Recharge Event Energy (kiloWatt-hours)	106.3516
Charge Depleting Range (Calculated miles)	498.333	Charge Depleting Range (Actual miles)	498.333
Charge Depleting Range Highway (Calculated miles)	419.854	Derived 5-Cycle Coefficient Model Year	--
All Electric Range Unadjusted (miles)	--	Equivalent All Electric Range (miles)	498.333
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)	7.447
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	-1.87
Drive Trace Energy Economy Rating	-1.73
Drive Trace Inertia Work Ratio Rating	-2.3
Integrated DC KW-HRS	1.6267
Manufacturer Fuel Economy	21.844

Charge Depleting Bag/Phase #2

Certification Summary Information Report

Test Group	TPRXT00.0EMT	Evaporative/Refueling Family	--																
<table border="1"> <thead> <tr> <th>Test Result/Emission Name</th> <th>Unrounded Test Result</th> </tr> </thead> <tbody> <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>3.16</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>3.95</td> </tr> <tr> <td>Integrated DC KW-HRS</td> <td>2.4037</td> </tr> <tr> <td>Manufacturer Fuel Economy</td> <td>23.446</td> </tr> </tbody> </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	3.16	Drive Trace Energy Economy Rating	0.28	Drive Trace Inertia Work Ratio Rating	3.95	Integrated DC KW-HRS	2.4037	Manufacturer Fuel Economy	23.446
Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	10.252																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	3.16																		
Drive Trace Energy Economy Rating	0.28																		
Drive Trace Inertia Work Ratio Rating	3.95																		
Integrated DC KW-HRS	2.4037																		
Manufacturer Fuel Economy	23.446																		
Charge Depleting Bag/Phase #3																			
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Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	7.452																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	-1.83																		
Drive Trace Energy Economy Rating	-1.84																		
Drive Trace Inertia Work Ratio Rating	-2.19																		
Integrated DC KW-HRS	1.4806																		
Manufacturer Fuel Economy	19.868																		
Charge Depleting Bag/Phase #4																			
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Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	258.091																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	18.96																		
Drive Trace Energy Economy Rating	-0.07																		
Drive Trace Inertia Work Ratio Rating	38.16																		
Integrated DC KW-HRS	73.6528																		
Manufacturer Fuel Economy	28.538																		
Charge Depleting Bag/Phase #5																			
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Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	7.452																		
Carbon-Related Exhaust Emissions	0																		
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Drive Trace Energy Economy Rating	-1.98																		
Drive Trace Inertia Work Ratio Rating	-2.33																		
Integrated DC KW-HRS	1.3909																		
Manufacturer Fuel Economy	18.665																		
Charge Depleting Bag/Phase #6																			

Certification Summary Information Report

Test Group	TPRXT00.0EMT	Evaporative/Refueling Family	--
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Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	10.252
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	3.91
Drive Trace Energy Economy Rating	0.22
Drive Trace Inertia Work Ratio Rating	4.81
Integrated DC KW-HRS	2.2563
Manufacturer Fuel Economy	22.008

Charge Depleting Bag/Phase #7

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	7.452
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	-1.78
Drive Trace Energy Economy Rating	-1.94
Drive Trace Inertia Work Ratio Rating	-2.17
Integrated DC KW-HRS	1.3988
Manufacturer Fuel Economy	18.771

Charge Depleting Bag/Phase #8

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	38.661
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	3.54
Drive Trace Energy Economy Rating	-0.29
Drive Trace Inertia Work Ratio Rating	7.13
Integrated DC KW-HRS	11.2115
Manufacturer Fuel Economy	29

Manufacturer Test Comments

MACAN 4 FEDV3. Internal Test Number: 25024304

Certification Summary Information Report

Test Group	TPRXT00.0EMT		Evaporative/Refueling Family	--							
Emission Data Vehicle Information											
Vehicle ID / Configuration	ECFE-XABS-26 / 0		Manufacturer Vehicle Configuration Number	0							
Original Test Group Name	TPRXT00.0EMT		Original Evaporative/Refueling Family	--							
Original Test Vehicle Model Year	2026										
Vehicle Model											
Represented Test Vehicle Make	Porsche		Represented Test Vehicle Model	Macan 4S electric							
Leak Family Details											
Leak Family Identifier	--		Leak Family Name	--							
Drive Sources and Fuel System Details											
<table border="1"> <thead> <tr> <th>Drive Source and Fuel#</th> <th>Drive Source</th> <th>Fuel</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Electric Motor</td> <td>Electricity</td> </tr> </tbody> </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)		Odometer Correction Factor	1.0058							
Off-board charge Capable Indicator	Yes		Odometer Correction Sign	+ = System Miles is equal to (Test odometer reading * Correction factor) + Initial system miles							
Odometer Correction -- Initial	0		Odometer Correction Units	Miles							
Engine Code	EBZ-ECL		Rated Horsepower	442							
Displacement (liters)	0.001		Air Aspiration Method, if 'Other'	--							
Air Aspiration Method	Naturally Aspirated		Air Aspiration Device Configuration	--							
Number of Air Aspiration Devices	--		Drive Mode While Testing	All Wheel Drive							
Charge Air Cooler Type	N/A		Aged Emission Components	4,000 (mi)							
Shift Indicator Light Usage	Not equipped		Equivalent Test Weight (pounds)	6000							
Curb Weight (lbs)	5428		N/V Ratio	115.1							
GVWR (lbs)	6460		# of Transmission Gears	1							
Axle Ratio	9.99		Creeper Gear	No							
Transmission Type	Automatic										
Transmission Lockup	No										
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	49.8	-0.0376	0.02777	-2.21	0.0509	0.02161	15.6				
Emission Control Device Comments	BEV										

Certification Summary Information Report

Test Group	TPRXT00.0EMT	Evaporative/Refueling Family	--
Manufacturer Test Vehicle Comments	Macan 4S electric; Porsche Internal Name SEP626, FEDV1. AXLE RATIO IS 10.07		

Certification Summary Information Report

Test Group	TPRXT00.0EMT	Evaporative/Refueling Family	--
Test #	TPRX10092165	Test Procedure	77 - Multi-Cycle Test (MCT)
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity
Test Date	07/29/2025	Fuel	N/A
Fuel Batch ID	--	Fuel Calibration Number	--
Vehicle Class	N/A	DF Type	Mfr. Determined
Verify Test Lab ID	Porsche AG, Labs and Engineering		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	2065	Odometer Units	M
4WD Test Dyno	Yes	Diesel Adjustment Factor Usage	--
State of Charge Delta	Yes		
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	Road Speed Fan Usage	Yes
PHEV/EV Charge Depleting Test Information			
Recharge Event Voltage	240	Recharge Event Energy (kiloWatt-hours)	106.1343
Charge Depleting Range (Calculated miles)	411.647	Charge Depleting Range (Actual miles)	411.647
Charge Depleting Range Highway (Calculated miles)	354.497	Derived 5-Cycle Coefficient Model Year	--
All Electric Range Unadjusted (miles)	--	Equivalent All Electric Range (miles)	411.647
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)		7.451	
Carbon-Related Exhaust Emissions		0	
Drive Trace Absolute Speed Change Rating		-1.19	
Drive Trace Energy Economy Rating		-1.63	
Drive Trace Inertia Work Ratio Rating		-1.41	
Integrated DC KW-HRS		2.0577	
Manufacturer Fuel Economy		27.616	
Charge Depleting Bag/Phase #2			

Certification Summary Information Report

Test Group	TPRXT00.0EMT	Evaporative/Refueling Family	--																
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Manufacturer Fuel Economy	27.909																		
Charge Depleting Bag/Phase #3																			
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Test Result/Emission Name	Unrounded Test Result																		
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Drive Trace Inertia Work Ratio Rating	-1.43																		
Integrated DC KW-HRS	1.7951																		
Manufacturer Fuel Economy	24.089																		
Charge Depleting Bag/Phase #4																			
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Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	221.163																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	10.98																		
Drive Trace Energy Economy Rating	0.09																		
Drive Trace Inertia Work Ratio Rating	22.09																		
Integrated DC KW-HRS	72.8571																		
Manufacturer Fuel Economy	32.943																		
Charge Depleting Bag/Phase #5																			
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Test Result/Emission Name	Unrounded Test Result																		
Actual Distance Driven (miles)	7.453																		
Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	-1.19																		
Drive Trace Energy Economy Rating	-1.67																		
Drive Trace Inertia Work Ratio Rating	-1.3																		
Integrated DC KW-HRS	1.6806																		
Manufacturer Fuel Economy	22.549																		
Charge Depleting Bag/Phase #6																			

Certification Summary Information Report

Test Group	TPRXT00.0EMT	Evaporative/Refueling Family	--
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Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	10.252
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	4.11
Drive Trace Energy Economy Rating	1
Drive Trace Inertia Work Ratio Rating	5.16
Integrated DC KW-HRS	2.6786
Manufacturer Fuel Economy	26.128

Charge Depleting Bag/Phase #7

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	7.453
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	-1.26
Drive Trace Energy Economy Rating	-1.65
Drive Trace Inertia Work Ratio Rating	-1.43
Integrated DC KW-HRS	1.705
Manufacturer Fuel Economy	22.877

Charge Depleting Bag/Phase #8

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	29.883
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	1.11
Drive Trace Energy Economy Rating	-0.55
Drive Trace Inertia Work Ratio Rating	0.19
Integrated DC KW-HRS	10.1431
Manufacturer Fuel Economy	33.943

Manufacturer Test Comments

MACAN 4S FEDV1. Internal Test Number: 25024271

Certification Summary Information Report

Test Group	TPRXT00.0EMT		Evaporative/Refueling Family	--						
Emission Data Vehicle Information										
Vehicle ID / Configuration	ECFE-XABS-26 / 1		Manufacturer Vehicle Configuration Number	0						
Original Test Group Name	TPRXT00.0EMT		Original Evaporative/Refueling Family	--						
Original Test Vehicle Model Year	2026									
Vehicle Model										
Represented Test Vehicle Make	Porsche		Represented Test Vehicle Model	Macan 4S electric						
Leak Family Details										
Leak Family Identifier	--		Leak Family Name	--						
Drive Sources and Fuel System Details										
	<table border="1"> <thead> <tr> <th>Drive Source and Fuel#</th> <th>Drive Source</th> <th>Fuel</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Electric Motor</td> <td>Electricity</td> </tr> </tbody> </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	1.0058						
Odometer Correction -- Initial	0									
Odometer Correction Sign	+ = System Miles is equal to (Test odometer reading * Correction factor) + Initial system miles									
Odometer Correction Units	Miles									
Engine Code	EBZ-ECL		Rated Horsepower	442						
Displacement (liters)	0.001		Air Aspiration Method, if 'Other'							
Air Aspiration Method	Naturally Aspirated		Air Aspiration Device Configuration	--						
Number of Air Aspiration Devices	--		Drive Mode While Testing	All Wheel Drive						
Charge Air Cooler Type	N/A		Aged Emission Components	4,000 (mi)						
Shift Indicator Light Usage	Not equipped		Equivalent Test Weight (pounds)	6000						
Curb Weight (lbs)	5430		N/V Ratio	115.1						
GVWR (lbs)	6460									
Axle Ratio	9.99		# of Transmission Gears	1						
Transmission Type	Automatic		Creeper Gear	No						
Transmission Lockup	No									
Dynamometer Coefficients:										
	Target Coefficients			Set Coefficients						
Coefficient Category	A (lbf)	B (lbf/mph)	C (lbf/mph**2)	A (lbf)	B (lbf/mph)	C (lbf/mph**2)	EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients			
City/Highway/Evap	41.12	0.1585	0.02422	-10.31	0.2484	0.0179	14.6			
Emission Control Device Comments	BEV									

Certification Summary Information Report

Test Group	TPRXT00.0EMT	Evaporative/Refueling Family	--
Manufacturer Test Vehicle Comments	Macan 4S electric; Porsche Internal Name SEP626, FEDV2. AXLE RATIO IS 10.07		

Certification Summary Information Report

Test Group	TPRXT00.0EMT	Evaporative/Refueling Family	--
Test #	TPRX10092166	Test Procedure	77 - Multi-Cycle Test (MCT)
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity
Test Date	07/31/2025	Fuel	N/A
Fuel Batch ID	--	Fuel Calibration Number	--
Vehicle Class	N/A	DF Type	Mfr. Determined
Verify Test Lab ID	Porsche AG, Labs and Engineering		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	2406	Odometer Units	M
4WD Test Dyno	Yes	Diesel Adjustment Factor Usage	--
State of Charge Delta	Yes		
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	Road Speed Fan Usage	Yes
PHEV/EV Charge Depleting Test Information			
Recharge Event Voltage	240	Recharge Event Energy (kiloWatt-hours)	106.0801
Charge Depleting Range (Calculated miles)	433.944	Charge Depleting Range (Actual miles)	433.944
Charge Depleting Range Highway (Calculated miles)	374.896	Derived 5-Cycle Coefficient Model Year	--
All Electric Range Unadjusted (miles)	--	Equivalent All Electric Range (miles)	433.944
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)		7.451	
Carbon-Related Exhaust Emissions		0	
Drive Trace Absolute Speed Change Rating		-1.32	
Drive Trace Energy Economy Rating		-1.69	
Drive Trace Inertia Work Ratio Rating		-1.53	
Integrated DC KW-HRS		1.9203	
Manufacturer Fuel Economy		25.772	
Charge Depleting Bag/Phase #2			

Certification Summary Information Report

Test Group	TPRXT00.0EMT	Evaporative/Refueling Family	--																
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Charge Depleting Bag/Phase #3																			
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Test Result/Emission Name	Unrounded Test Result																		
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Carbon-Related Exhaust Emissions	0																		
Drive Trace Absolute Speed Change Rating	-1.43																		
Drive Trace Energy Economy Rating	-1.63																		
Drive Trace Inertia Work Ratio Rating	-1.73																		
Integrated DC KW-HRS	1.6955																		
Manufacturer Fuel Economy	22.749																		
Charge Depleting Bag/Phase #4																			
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Drive Trace Inertia Work Ratio Rating	22.21																		
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Manufacturer Fuel Economy	30.689																		
Charge Depleting Bag/Phase #5																			
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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	-1.96																		
Drive Trace Inertia Work Ratio Rating	-1.6																		
Integrated DC KW-HRS	1.5822																		
Manufacturer Fuel Economy	21.223																		
Charge Depleting Bag/Phase #6																			

Certification Summary Information Report

Test Group	TPRXT00.0EMT	Evaporative/Refueling Family	--
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Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	10.254
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	4.12
Drive Trace Energy Economy Rating	0.8
Drive Trace Inertia Work Ratio Rating	5.18
Integrated DC KW-HRS	2.4975
Manufacturer Fuel Economy	24.356

Charge Depleting Bag/Phase #7

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	7.456
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	-1.28
Drive Trace Energy Economy Rating	-1.7
Drive Trace Inertia Work Ratio Rating	-1.46
Integrated DC KW-HRS	1.6089
Manufacturer Fuel Economy	21.579

Charge Depleting Bag/Phase #8

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	33.664
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	3.6
Drive Trace Energy Economy Rating	-0.23
Drive Trace Inertia Work Ratio Rating	7.23
Integrated DC KW-HRS	10.6063
Manufacturer Fuel Economy	31.506

Manufacturer Test Comments

MACAN 4S FEDV2. Internal Test Number: 25024276

Certification Summary Information Report

Test Group	TPRXT00.0EMT	Evaporative/Refueling Family	--						
Emission Data Vehicle Information									
Vehicle ID / Configuration	ECFE-XABS-26 / 2	Manufacturer Vehicle Configuration Number	0						
Original Test Group Name	TPRXT00.0EMT	Original Evaporative/Refueling Family	--						
Original Test Vehicle Model Year	2026								
Vehicle Model									
Represented Test Vehicle Make	Porsche	Represented Test Vehicle Model	Macan 4S electric						
Leak Family Details									
Leak Family Identifier	--	Leak Family Name	--						
Drive Sources and Fuel System Details									
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 33%;">Drive Source and Fuel#</th> <th style="width: 33%;">Drive Source</th> <th style="width: 33%;">Fuel</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td> <td style="text-align: center;">Electric Motor</td> <td style="text-align: center;">Electricity</td> </tr> </tbody> </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	1.0058						
Odometer Correction -- Initial	0								
Odometer Correction Sign	+ = System Miles is equal to (Test odometer reading * Correction factor) + Initial system miles								
Odometer Correction Units	Miles								
Engine Code	EBZ-ECL	Rated Horsepower	442						
Displacement (liters)	0.001	Air Aspiration Method, if 'Other'							
Air Aspiration Method	Naturally Aspirated	Air Aspiration Device Configuration	--						
Number of Air Aspiration Devices	--	Drive Mode While Testing	All Wheel Drive						
Charge Air Cooler Type	N/A	Aged Emission Components	4,000 (mi)						
Shift Indicator Light Usage	Not equipped	Equivalent Test Weight (pounds)	5500						
Curb Weight (lbs)	5393	N/V Ratio	115.1						
GVWR (lbs)	6460								
Axle Ratio	9.99	# of Transmission Gears	1						
Transmission Type	Automatic	Creeper Gear	No						
Transmission Lockup	No								
Dynamometer Coefficients:									
Target Coefficients			Set Coefficients						
Coefficient Category	A (lbf)	B (lbf/mph)	C (lbf/mph**2)						
City/Highway/Evap	37.9	0.1585	0.02401						
			A (lbf)						
			-13.24						
			B (lbf/mph)						
			0.2474						
			C (lbf/mph**2)						
			0.01774						
			EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients						
			14.1						
Emission Control Device Comments	BEV								

Certification Summary Information Report

Test Group	TPRXT00.0EMT	Evaporative/Refueling Family	--
Manufacturer Test Vehicle Comments	Macan 4S electric; Porsche Internal Name SEP626, FEDV3. AXLE RATIO IS 10.07		

Certification Summary Information Report

Test Group	TPRXT00.0EMT	Evaporative/Refueling Family	--
Test #	TPRX10092169	Test Procedure	77 - Multi-Cycle Test (MCT)
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity
Test Date	08/05/2025	Fuel	N/A
Fuel Batch ID	--	Fuel Calibration Number	--
Vehicle Class	N/A	DF Type	Mfr. Determined
Verify Test Lab ID	Porsche AG, Labs and Engineering		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	2766	Odometer Units	M
4WD Test Dyno	Yes	Diesel Adjustment Factor Usage	--
State of Charge Delta	Yes		
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	Road Speed Fan Usage	Yes

PHEV/EV Charge Depleting Test Information

Recharge Event Voltage	240	Recharge Event Energy (kiloWatt-hours)	105.9416
Charge Depleting Range (Calculated miles)	450.188	Charge Depleting Range (Actual miles)	450.188
Charge Depleting Range Highway (Calculated miles)	381.583	Derived 5-Cycle Coefficient Model Year	--
All Electric Range Unadjusted (miles)	--	Equivalent All Electric Range (miles)	450.188
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)	7.446
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	-1.13
Drive Trace Energy Economy Rating	-1.12
Drive Trace Inertia Work Ratio Rating	-1.34
Integrated DC KW-HRS	1.8481
Manufacturer Fuel Economy	24.82

Charge Depleting Bag/Phase #2

Certification Summary Information Report

Test Group	TPRXT00.0EMT	Evaporative/Refueling Family	--																
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Drive Trace Inertia Work Ratio Rating	5.53																		
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Manufacturer Fuel Economy	25.757																		
Charge Depleting Bag/Phase #3																			
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Drive Trace Inertia Work Ratio Rating	-1.17																		
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Manufacturer Fuel Economy	21.887																		
Charge Depleting Bag/Phase #4																			
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Drive Trace Inertia Work Ratio Rating	37.21																		
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Manufacturer Fuel Economy	30.362																		
Charge Depleting Bag/Phase #5																			
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Integrated DC KW-HRS	1.5274																		
Manufacturer Fuel Economy	20.502																		
Charge Depleting Bag/Phase #6																			

Certification Summary Information Report

Test Group	TPRXT00.0EMT	Evaporative/Refueling Family	--
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Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	10.253
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	4.45
Drive Trace Energy Economy Rating	1
Drive Trace Inertia Work Ratio Rating	5.62
Integrated DC KW-HRS	2.4753
Manufacturer Fuel Economy	24.142

Charge Depleting Bag/Phase #7

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	7.45
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	-1.13
Drive Trace Energy Economy Rating	-1.66
Drive Trace Inertia Work Ratio Rating	-1.23
Integrated DC KW-HRS	1.5522
Manufacturer Fuel Economy	20.835

Charge Depleting Bag/Phase #8

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	34.463
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	3.72
Drive Trace Energy Economy Rating	-0.24
Drive Trace Inertia Work Ratio Rating	7.46
Integrated DC KW-HRS	10.7013
Manufacturer Fuel Economy	31.052

Manufacturer Test Comments

MACAN 4S FEDV3. Internal Test Number: 25024287.

Certification Summary Information Report

Test Group	TPRXT00.0EMT	Evaporative/Refueling Family	--						
Emission Data Vehicle Information									
Vehicle ID / Configuration	ECFE-XABT-26 / 0	Manufacturer Vehicle Configuration Number	0						
Original Test Group Name	TPRXT00.0EMT	Original Evaporative/Refueling Family	--						
Original Test Vehicle Model Year	2026								
Vehicle Model									
Represented Test Vehicle Make	Porsche	Represented Test Vehicle Model	Macan Turbo electric						
Leak Family Details									
Leak Family Identifier	--	Leak Family Name	--						
Drive Sources and Fuel System Details									
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 33%;">Drive Source and Fuel#</th> <th style="width: 33%;">Drive Source</th> <th style="width: 33%;">Fuel</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td> <td style="text-align: center;">Electric Motor</td> <td style="text-align: center;">Electricity</td> </tr> </tbody> </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	0.998						
Odometer Correction -- Initial	0								
Odometer Correction Sign	+ = System Miles is equal to (Test odometer reading * Correction factor) + Initial system miles								
Odometer Correction Units	Miles								
Engine Code	EBZ-ECM	Rated Horsepower	576						
Displacement (liters)	0.001								
Air Aspiration Method	Naturally Aspirated	Air Aspiration Method, if 'Other'							
Number of Air Aspiration Devices	--	Air Aspiration Device Configuration	--						
Charge Air Cooler Type	N/A	Drive Mode While Testing	All Wheel Drive						
Shift Indicator Light Usage	Not equipped	Aged Emission Components	4,000 (mi)						
Curb Weight (lbs)	5558	Equivalent Test Weight (pounds)	6000						
GVWR (lbs)	6504	N/V Ratio	103.4						
Axle Ratio	9								
Transmission Type	Automatic	# of Transmission Gears	1						
Transmission Lockup	No	Creeper Gear	No						
Dynamometer Coefficients:									
Target Coefficients			Set Coefficients						
Coefficient Category	A (lbf)	B (lbf/mph)	C (lbf/mph**2)						
City/Highway/Evap	47.97	0.1791	0.02438						
	-0.51	0.1749	0.01987						
			EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients						
			15.7						
Emission Control Device Comments									
BEV									

Certification Summary Information Report

Test Group	TPRXT00.0EMT	Evaporative/Refueling Family	--
Manufacturer Test Vehicle Comments	Macan Turbo electric; Porsche Internal Name SEP841, FEDV1.		

Certification Summary Information Report

Test Group	TPRXT00.0EMT	Evaporative/Refueling Family	--
Test #	TPRX10092195	Test Procedure	77 - Multi-Cycle Test (MCT)
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity
Test Date	08/15/2025	Fuel	N/A
Fuel Batch ID	--	Fuel Calibration Number	--
Vehicle Class	N/A	DF Type	Mfr. Determined
Verify Test Lab ID	Porsche AG, Labs and Engineering		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	3489	Odometer Units	M
4WD Test Dyno	Yes	Diesel Adjustment Factor Usage	--
State of Charge Delta	Yes		
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	Road Speed Fan Usage	Yes
PHEV/EV Charge Depleting Test Information			
Recharge Event Voltage	240	Recharge Event Energy (kiloWatt-hours)	107.095
Charge Depleting Range (Calculated miles)	423.156	Charge Depleting Range (Actual miles)	423.156
Charge Depleting Range Highway (Calculated miles)	356.57	Derived 5-Cycle Coefficient Model Year	--
All Electric Range Unadjusted (miles)	--	Equivalent All Electric Range (miles)	423.156
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)		7.471	
Carbon-Related Exhaust Emissions		0	
Drive Trace Absolute Speed Change Rating		-1.58	
Drive Trace Energy Economy Rating		-2.15	
Drive Trace Inertia Work Ratio Rating		-2.15	
Integrated DC KW-HRS		1.9635	
Manufacturer Fuel Economy		26.282	
Charge Depleting Bag/Phase #2			

Certification Summary Information Report

Test Group	TPRXT00.0EMT	Evaporative/Refueling Family	--																
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Charge Depleting Bag/Phase #6																			

Certification Summary Information Report

Test Group	TPRXT00.0EMT	Evaporative/Refueling Family	--
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Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	10.26
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	1.98
Drive Trace Energy Economy Rating	-0.27
Drive Trace Inertia Work Ratio Rating	2.56
Integrated DC KW-HRS	2.6661
Manufacturer Fuel Economy	25.985

Charge Depleting Bag/Phase #7

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	7.475
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	-1.77
Drive Trace Energy Economy Rating	-2.2
Drive Trace Inertia Work Ratio Rating	-2.17
Integrated DC KW-HRS	1.6682
Manufacturer Fuel Economy	22.317

Charge Depleting Bag/Phase #8

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	29.895
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	2.47
Drive Trace Energy Economy Rating	-0.29
Drive Trace Inertia Work Ratio Rating	4.97
Integrated DC KW-HRS	10.2047
Manufacturer Fuel Economy	34.135

Manufacturer Test Comments

MACAN Turbo FEDV1. Internal Test Number: 25032073

Certification Summary Information Report

Test Group	TPRXT00.0EMT	Evaporative/Refueling Family	--						
Emission Data Vehicle Information									
Vehicle ID / Configuration	ECFE-XABT-26 / 1	Manufacturer Vehicle Configuration Number	0						
Original Test Group Name	TPRXT00.0EMT	Original Evaporative/Refueling Family	--						
Original Test Vehicle Model Year	2026								
Vehicle Model									
Represented Test Vehicle Make	Porsche	Represented Test Vehicle Model	Macan Turbo electric						
Leak Family Details									
Leak Family Identifier	--	Leak Family Name	--						
Drive Sources and Fuel System Details									
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 33%;">Drive Source and Fuel#</th> <th style="width: 33%;">Drive Source</th> <th style="width: 34%;">Fuel</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td> <td style="text-align: center;">Electric Motor</td> <td style="text-align: center;">Electricity</td> </tr> </tbody> </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	0	Odometer Correction Factor	0.998						
Odometer Correction Sign	+ = System Miles is equal to (Test odometer reading * Correction factor) + Initial system miles								
Odometer Correction Units	Miles								
Engine Code	EBZ-ECM	Rated Horsepower	576						
Displacement (liters)	0.001								
Air Aspiration Method	Naturally Aspirated	Air Aspiration Method, if 'Other'							
Number of Air Aspiration Devices	--	Air Aspiration Device Configuration	--						
Charge Air Cooler Type	N/A	Drive Mode While Testing	All Wheel Drive						
Shift Indicator Light Usage	Not equipped	Aged Emission Components	4,000 (mi)						
Curb Weight (lbs)	5560	Equivalent Test Weight (pounds)	6000						
GVWR (lbs)	6504	N/V Ratio	103.4						
Axle Ratio	9								
Transmission Type	Automatic	# of Transmission Gears	1						
Transmission Lockup	No	Creeper Gear	No						
Dynamometer Coefficients:									
Target Coefficients			Set Coefficients						
Coefficient Category	A (lbf)	B (lbf/mph)	C (lbf/mph**2)						
City/Highway/Evap	41	0.2044	0.02208						
			A (lbf)						
			-6.05						
			B (lbf/mph)						
			0.2077						
			C (lbf/mph**2)						
			0.01745						
			EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients						
			14.2						
Emission Control Device Comments	BEV								

Certification Summary Information Report

Test Group	TPRXT00.0EMT	Evaporative/Refueling Family	--
Manufacturer Test Vehicle Comments	Macan Turbo electric; Porsche Internal Name SEP841, FEDV2.		

Certification Summary Information Report

Test Group	TPRXT00.0EMT	Evaporative/Refueling Family	--
Test #	TPRX10092196	Test Procedure	77 - Multi-Cycle Test (MCT)
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity
Test Date	08/07/2025	Fuel	N/A
Fuel Batch ID	--	Fuel Calibration Number	--
Vehicle Class	N/A	DF Type	Mfr. Determined
Verify Test Lab ID	Porsche AG, Labs and Engineering		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	2807	Odometer Units	M
4WD Test Dyno	Yes	Diesel Adjustment Factor Usage	--
State of Charge Delta	Yes		
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	Road Speed Fan Usage	Yes
PHEV/EV Charge Depleting Test Information			
Recharge Event Voltage	240	Recharge Event Energy (kiloWatt-hours)	107.0625
Charge Depleting Range (Calculated miles)	449.786	Charge Depleting Range (Actual miles)	449.786
Charge Depleting Range Highway (Calculated miles)	383.368	Derived 5-Cycle Coefficient Model Year	--
All Electric Range Unadjusted (miles)	--	Equivalent All Electric Range (miles)	449.786
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)		7.441	
Carbon-Related Exhaust Emissions		0	
Drive Trace Absolute Speed Change Rating		-1.73	
Drive Trace Energy Economy Rating		-1.95	
Drive Trace Inertia Work Ratio Rating		-2.61	
Integrated DC KW-HRS		1.8037	
Manufacturer Fuel Economy		24.24	
Charge Depleting Bag/Phase #2			

Certification Summary Information Report

Test Group	TPRXT00.0EMT	Evaporative/Refueling Family	--																
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Manufacturer Fuel Economy	20.614																		
Charge Depleting Bag/Phase #6																			

Certification Summary Information Report

Test Group	TPRXT00.0EMT	Evaporative/Refueling Family	--
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Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	10.252
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	2.11
Drive Trace Energy Economy Rating	0.29
Drive Trace Inertia Work Ratio Rating	2.35
Integrated DC KW-HRS	2.4821
Manufacturer Fuel Economy	24.211

Charge Depleting Bag/Phase #7

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	7.443
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	-1.64
Drive Trace Energy Economy Rating	-2.02
Drive Trace Inertia Work Ratio Rating	-2.55
Integrated DC KW-HRS	1.5683
Manufacturer Fuel Economy	21.071

Charge Depleting Bag/Phase #8

Test Result/Emission Name	Unrounded Test Result
Actual Distance Driven (miles)	33.972
Carbon-Related Exhaust Emissions	0
Drive Trace Absolute Speed Change Rating	4.55
Drive Trace Energy Economy Rating	-0.3
Drive Trace Inertia Work Ratio Rating	9.14
Integrated DC KW-HRS	10.6864
Manufacturer Fuel Economy	31.456

Manufacturer Test Comments

MACAN Turbo FEDV2. Internal Test Number: 25024221

Certification Summary Information Report

Test Group	TPRXT00.0EMT	Evaporative/Refueling Family	--						
Emission Data Vehicle Information									
Vehicle ID / Configuration	ECFE-XABT-26 / 2	Manufacturer Vehicle Configuration Number	0						
Original Test Group Name	TPRXT00.0EMT	Original Evaporative/Refueling Family	--						
Original Test Vehicle Model Year	2026								
Vehicle Model									
Represented Test Vehicle Make	Porsche	Represented Test Vehicle Model	Macan Turbo electric						
Leak Family Details									
Leak Family Identifier	--	Leak Family Name	--						
Drive Sources and Fuel System Details									
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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	0	Odometer Correction Factor	0.998						
Odometer Correction Sign	+ = System Miles is equal to (Test odometer reading * Correction factor) + Initial system miles								
Odometer Correction Units	Miles								
Engine Code	EBZ-ECM	Rated Horsepower	576						
Displacement (liters)	0.001								
Air Aspiration Method	Naturally Aspirated	Air Aspiration Method, if 'Other'							
Number of Air Aspiration Devices	--	Air Aspiration Device Configuration	--						
Charge Air Cooler Type	N/A	Drive Mode While Testing	All Wheel Drive						
Shift Indicator Light Usage	Not equipped	Aged Emission Components	4,000 (mi)						
Curb Weight (lbs)	5551	Equivalent Test Weight (pounds)	6000						
GVWR (lbs)	6504	N/V Ratio	103.4						
Axle Ratio	9								
Transmission Type	Automatic	# of Transmission Gears	1						
Transmission Lockup	No	Creeper Gear	No						
Dynamometer Coefficients:									
Target Coefficients			Set Coefficients						
Coefficient Category	A (lbf)	B (lbf/mph)	C (lbf/mph**2)						
City/Highway/Evap	39	0.2044	0.02067						
	-8.4	0.2187	0.01598						
		EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients							
		13.5							
Emission Control Device Comments									
BEV									

Certification Summary Information Report

Test Group	TPRXT00.0EMT	Evaporative/Refueling Family	--
Manufacturer Test Vehicle Comments	Macan Turbo electric; Porsche Internal Name SEP841, FEDV3.		

Certification Summary Information Report

Test Group	TPRXT00.0EMT	Evaporative/Refueling Family	--
Test #	TPRX10092197	Test Procedure	77 - Multi-Cycle Test (MCT)
Exhaust Test # for this Evap Test	--	Test Fuel Type	62 - Electricity
Test Date	08/12/2025	Fuel	N/A
Fuel Batch ID	--	Fuel Calibration Number	--
Vehicle Class	N/A	DF Type	Mfr. Determined
Verify Test Lab ID	Porsche AG, Labs and Engineering		
E10 Evaporative Test Measurement Method	--		
Test Start Odometer Reading	3140	Odometer Units	M
4WD Test Dyno	Yes	Diesel Adjustment Factor Usage	--
State of Charge Delta	Yes		
Drive Cycle Speed Tolerance Criteria	Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec)	Road Speed Fan Usage	Yes
PHEV/EV Charge Depleting Test Information			
Recharge Event Voltage	240	Recharge Event Energy (kiloWatt-hours)	107.0827
Charge Depleting Range (Calculated miles)	465.153	Charge Depleting Range (Actual miles)	465.153
Charge Depleting Range Highway (Calculated miles)	399.4	Derived 5-Cycle Coefficient Model Year	--
All Electric Range Unadjusted (miles)	--	Equivalent All Electric Range (miles)	465.153
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		-1.68	
Drive Trace Energy Economy Rating		-2.08	
Drive Trace Inertia Work Ratio Rating		-2.61	
Integrated DC KW-HRS		1.8483	
Manufacturer Fuel Economy		24.833	
Charge Depleting Bag/Phase #2			

Certification Summary Information Report

Test Group	TPRXT00.0EMT	Evaporative/Refueling Family	--																
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Manufacturer Fuel Economy	21.346																		
Charge Depleting Bag/Phase #4																			
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Integrated DC KW-HRS	1.4723																		
Manufacturer Fuel Economy	19.778																		
Charge Depleting Bag/Phase #6																			

Certification Summary Information Report

Test Group	TPRXT00.0EMT	Evaporative/Refueling Family	--																
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Test Result/Emission Name	Unrounded Test Result																		
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Drive Trace Energy Economy Rating	0.17																		
Drive Trace Inertia Work Ratio Rating	1.51																		
Integrated DC KW-HRS	2.3598																		
Manufacturer Fuel Economy	23.016																		
Charge Depleting Bag/Phase #7																			
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Test Result/Emission Name	Unrounded Test Result																		
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Drive Trace Energy Economy Rating	-2.14																		
Drive Trace Inertia Work Ratio Rating	-2.63																		
Integrated DC KW-HRS	1.5029																		
Manufacturer Fuel Economy	20.189																		
Charge Depleting Bag/Phase #8																			
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Integrated DC KW-HRS	10.8634																		
Manufacturer Fuel Economy	29.827																		
Manufacturer Test Comments	MACAN Turbo FEDV3. Internal Test Number: 25031760																		
Fuel Properties																			

Certification Summary Information Report

Test Group	TPRXT00.0EMT		Evaporative/Refueling Family				--			
Consolidated List of Standards										
Exhaust Standards										
Cert Region	California + CAA Section 177 states				Cert/In-Use Code			Cert		
Vehicle Class	LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000)				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	
120,000 miles	CREE	--	--	--	--	--	1	--	0.0	
150,000 miles	CO	--	--	--	--	--	1	--	0.0	
Cert Region	Federal				Cert/In-Use Code			Cert		
Vehicle Class	LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000)				Standard Level			Federal Tier 3 Bin 0		
Fuel	Electricity				Test Procedure			Federal fuel 2-day exhaust (w/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	--	--	--	--	--	1	--	0.0	
Cert Region	Federal				Cert/In-Use Code			Cert		
Vehicle Class	LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000)				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	
120,000 miles	CREE	--	--	--	--	--	1	--	0.0	
150,000 miles	CO	--	--	--	--	--	1	--	0.0	

Certification Summary Information Report

Test Group		TPRXT00.0EMT			Evaporative/Refueling Family			--		
Cert Region		California + CAA Section 177 states			Cert/In-Use Code			Cert		
Vehicle Class		LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000)			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	
120,000 miles	CREE	--	--	--	--	--	1	--	0.0	
150,000 miles	CO	--	--	--	--	--	1	--	0.0	
Cert Region		Federal			Cert/In-Use Code			Cert		
Vehicle Class		LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000)			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	
120,000 miles	CREE	--	--	--	--	--	1	--	0.0	
150,000 miles	CO	--	--	--	--	--	1	--	0.0	
Cert Region		California + CAA Section 177 states			Cert/In-Use Code			Cert		
Vehicle Class		LDT4 (ALVW > 5750, LVW 0-3750, GVW > 6000)			Standard Level			California ZEV		
Fuel		Electricity			Test Procedure			Federal fuel 2-day exhaust (w/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	--	--	--	--	--	1	--	0.0	

Certification Summary Information Report

Test Group	TPRXT00.0EMT	Evaporative/Refueling Family	--
Glossary			
Useful Life			
4	4,000 miles	120	120,000 miles
50	50,000 miles	150	150,000 miles
100	100,000 miles		
Emission Name			
HC-TOTAL	Total Hydrocarbon	AS-VOLT	Average System Voltage
CO	Carbon Monoxide	CO2 BAG 1	Bag 1 Carbon Dioxide
CO2	Carbon dioxide	CO2 BAG 2	Bag 2 Carbon Dioxide
CREE	Carbon-Related Exhaust Emissions	CO2 BAG 3	Bag 3 Carbon Dioxide
OPT-CREE	Optional Carbon-Related Exhaust Emissions	CO2 BAG 4	Bag 4 Carbon Dioxide
NOX	Nitrogen Oxide	NMOG+NOX	Non-methane organic gases plus Nitrogen Oxides
PM	Particulate Matter	NMOG+NOX-COMP	SFTP Composite Non-methane Organic Gases + Nitrogen Oxides
PM-COMP	SFTP Composite Particulate Matter	DT-IWRR	Drive Trace Inertia Work Ratio Rating
HC-NM	Non-methane Hydrocarbon	DT-ASCR	Drive Trace Absolute Speed Change Rating
OMHCE	Organic material Hydrocarbon Equivalent	DT-EER	Drive Trace Energy Economy Rating
OMNMHCE	Organic material non-methane HC equivalent	COMB-CREE	Combined Carbon-Related Exhaust Emissions
NMOG	Non-methane organic gases	COMB-OPT-CREE	Combined Optional Carbon-Related Exhaust Emissions
HCHO	Formaldehyde	HC-TOTAL-EQUIV	Total Hydrocarbon equivalent - Evap only
H3C2HO	Acetaldehyde	METHANE-COMB	Combined CH4 for HD 2b/3 vehicles only
HC-NM+NOX	SFTP Non-methane Hydrocarbon + Nitrogen Oxides for US06 or SC03	N2O-COMB	Combined Nitrous Oxide for HD 2b/3 vehicles only
HC-NM+NOX-COMP	SFTP Composite Non-methane Hydrocarbon + Nitrogen Oxides	LEAK-DIA	Effective Leak Diameter (inches)
CO-COMP	SFTP Composite Carbon Monoxide	LEAK-GAS CAP	Gas Cap Leakage (cc/min)
ETHANOL	C2H5OH - Ethanol	CO2-COMB	Combined Carbon Dioxide for HD 2b/3 Vehicles Only
FE BAG 1	Bag 1 Fuel Economy	KW-HRS	Integrated DC KW-HRS
FE BAG 2	Bag 2 Fuel Economy	CH4 BAG 1	Bag 1 Methane
FE BAG 3	Bag 3 Fuel Economy	CH4 BAG 2	Bag 2 Methane
FE BAG 4	Bag 4 Fuel Economy	CH4 BAG 3	Bag 3 Methane
MFR FE	Manufacturer Fuel Economy	CH4 BAG 4	Bag 4 Methane
HC	Hydrocarbon for Running Loss and ORVR	CO BAG 1	Bag 1 Carbon Monoxide
METHANE	CH4 - Methane	CO BAG 2	Bag 2 Carbon Monoxide
METHANOL	CH3OH - Methanol	CO BAG 3	Bag 3 Carbon Monoxide
N2O	Nitrous Oxide	CO BAG 4	Bag 4 Carbon Monoxide
SPITBACK	Spitback Hydrocarbon in grams	NMOG BAG 1	Bag 1 Non-methane organic gases
AMP-HRS	Integrated Amp-hours	NMOG BAG 2	Bag 2 Non-methane organic gases
START-SOC	System Start State of Charge Watt-hours	NMOG BAG 3	Bag 3 Non-methane organic gases
END-SOC	System End State of Charge Watt-hours	NMOG BAG 4	Bag 4 Non-methane organic gases
ACT-DISTANCE	Actual Distance Driven (miles)		

Certification Summary Information Report

Test Group	TPRXT00.0EMT	Evaporative/Refueling Family	
CA	California + CAA Section 177 states	FA	Federal
Exhaust Emission Standard Level			
B1	Federal Tier 2 Bin 1	T3B160	Federal Tier 3 Bin 160
B2	Federal Tier 2 Bin 2	T3B125	Federal Tier 3 Bin 125
B3	Federal Tier 2 Bin 3	T3B110	Federal Tier 3 Transitional Bin 110
B4	Federal Tier 2 Bin 4	T3B85	Federal Tier 3 Transitional Bin 85
B5	Federal Tier 2 Bin 5	T3SULEV30	Federal Tier 3 Transitional LEV-II SULEV30 Carryover
B6	Federal Tier 2 Bin 6	T3B70	Federal Tier 3 Bin 70
B7	Federal Tier 2 Bin 7	T3B50	Federal Tier 3 Bin 50
B8	Federal Tier 2 Bin 8	T3B30	Federal Tier 3 Bin 30
B9	Federal Tier 2 Bin 9	T3B20	Federal Tier 3 Bin 20
B10	Federal Tier 2 Bin 10	T3B0	Federal Tier 3 Bin 0
B11	Federal Tier 2 Bin 11	HDV2B395	Federal Tier 3 HD Class 2b Transitional Bin 395
HDV1	HDV1 (Federal HD chassis Class 2b GVW 8501-10000)	HDV2B340	Federal Tier 3 HD Class 2b Transitional Bin 340
HDV2	HDV2 (Federal HD chassis Class 3 GVW 10001-14000)	HDV2B250	Federal Tier 3 HD Class 2b Bin 250
L2	California LEV-II LEV	HDV2B200	Federal Tier 3 HD Class 2b Bin 200
L2OP	California LEV-II LEV Optional	HDV2B170	Federal Tier 3 HD Class 2b Bin 170
U2	California LEV-II ULEV	HDV2B150	Federal Tier 3 HD Class 2b Bin 150
S2	California LEV-II SULEV	HDV2B0	Federal Tier 3 HD Class 2b Bin 0
ZEV	California ZEV	HDV3B630	Federal Tier 3 HD Class 3 Transitional Bin 630
OT	Other	HDV3B570	Federal Tier 3 HD Class 3 Transitional Bin 570
T1	Federal Tier 1	HDV3B400	Federal Tier 3 HD Class 3 Bin 400
PZEV	California PZEV	HDV3B270	Federal Tier 3 HD Class 3 Bin 270
L2LEV160	California LEV-II LEV160	HDV3B230	Federal Tier 3 HD Class 3 Bin 230
L2ULEV125	California LEV-II ULEV125	HDV3B200	Federal Tier 3 HD Class 3 Bin 200
L2SULEV30	California LEV-II SULEV30	HDV3B0	Federal Tier 3 HD Class 3 Bin 0
L2LEV395	California LEV-II LEV395	L4SULEV100	California LEV-IV SULEV100
L2ULEV340	California LEV-II ULEV340	L4SULEV125	California LEV-IV SULEV125
L2LEV630	California LEV-II LEV630	L4SULEV15	California LEV-IV SULEV15
L2ULEV570	California LEV-II ULEV570	L4SULEV150	California LEV-IV SULEV150
L3LEV160	California LEV-III LEV160	L4SULEV170	California LEV-IV SULEV170
L3ULEV125	California LEV-III ULEV125	L4SULEV175	California LEV-IV SULEV175
L3ULEV70	California LEV-III ULEV70	L4SULEV20	California LEV-IV SULEV20
L3ULEV50	California LEV-III ULEV50	L4SULEV200	California LEV-IV SULEV200
L3SULEV30	California LEV-III SULEV30	L4SULEV230	California LEV-IV SULEV230
L3SULEV20	California LEV-III SULEV20	L4SULEV25	California LEV-IV SULEV25
L3LEV395	California LEV-III LEV395	L4SULEV30	California LEV-IV SULEV30
L3ULEV340	California LEV-III ULEV340	L4SULEV75	California LEV-IV SULEV75
L3ULEV250	California LEV-III ULEV250	L4SULEV85	California LEV-IV SULEV85
L3ULEV200	California LEV-III ULEV200	L4ULEV125	California LEV-IV ULEV125

Certification Summary Information Report

Test Group		TPRXT00.0EMT	Evaporative/Refueling Family		--
L3SULEV170	California LEV-III SULEV170		L4ULEV200	California LEV-IV ULEV200	
L3SULEV150	California LEV-III SULEV150		L4ULEV250	California LEV-IV ULEV250	
L3LEV630	California LEV-III LEV630		L4ULEV270	California LEV-IV ULEV270	
L3ULEV570	California LEV-III ULEV570		L4ULEV40	California LEV-IV ULEV40	
L3ULEV400	California LEV-III ULEV400		L4ULEV400	California LEV-IV ULEV400	
L3ULEV270	California LEV-III ULEV270		L4ULEV50	California LEV-IV ULEV50	
L3SULEV230	California LEV-III SULEV230		L4ULEV60	California LEV-IV ULEV60	
L3SULEV200	California LEV-III SULEV200		L4ULEV70	California LEV-IV ULEV70	
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	
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	

Section 8~Manufacturer Statements

8.01>> Emission Testing Waiver Statements

General Statement	All Porsche Battery-Electric vehicles will conform with the emissions standards for which data is not being provided, as allowed under 40 CFR 86.1829-01.
Electric vehicle emissions	According to 40 CFR 86.1829-15(f), which states that tailpipe emissions of regulated pollutants from vehicles powered solely by electricity are deemed to be zero, and based on relevant engineering evaluations, we state as the manufacturer that all electric vehicles included in this application comply with the requirements given in 40 CFR Part 86.

Section 8~Manufacturer Statements

8.02>> Manufacturer Attestations

GHG Compliance	As part of the Volkswagen Group of America, Porsche is not subject to GHG compliance as an independent entity. GHG compliance is managed at the Group level by VWGoA.
Tier 3 / LEV-IV Fleet Averages and Phase-Ins	As part of the Volkswagen Group of America, Porsche is not subject to these requirements as an independent entity. Tier 3 and LEV-IV compliance is managed at the Group level by VWGoA.
California ASM and Inspection / Maintenance Standards	In accordance with ARB MAC#99-05, Porsche hereby certifies that, based upon its engineering evaluation, vehicles of this test group comply with ASM and I/M standards.
Other	Porsche attests that all vehicles in this test group are battery-electric vehicles, without fuel-fired heaters. See Section 8.01.
Production Vehicle same as Test Vehicle statement	The production vehicles represented by the particular engine families will be in all material respects of the same design as those for which vehicle approval is granted.

Section 9~OBD Description

9.01>> OBD System Description

Not Applicable. OBD not required for Battery-Electric vehicles.

Section 10~Description of Alternate-Fueled Vehicles

Porsche builds only gasoline (ICE), gasoline-electric hybrid, and battery-electric vehicles.

Section 11~AECD Description

Battery Electric Vehicle: No Auxiliary Emissions Control Devices

Section 12~Test Parameters and Description of Vehicles Covered by Certificate

12.01>> Vehicle Description and Parameters; All Vehicles

Sales Area	50 State
Catalysts	Not Applicable
EGR Type	Not Applicable
Air Pump Type	Not Applicable
Starting Procedure	See Section 6.02
Cooling Fan	
Shift Indicator Light	Not Applicable
EGR Type	Not Applicable
Air Pump Type	Not Applicable
Drive Accuracy Per 1068.425	Yes
Fuel Temperature Profile	Not Applicable
Shift Schedules	Not Applicable

Note: The Battery Energy Capacity listed in the following Vehicle Description Details has been determined in accordance with the U.S. Advanced Battery Consortium's Electric Vehicle Battery Procedure Manual (January 1996), Procedure No. 2, "Constant Current Discharge Test Series," using the C/3 rate. The listed Battery System Weight reflect completely functional battery systems as defined in the Appendix of the Manual, including pack(s), required support ancillaries (e.g., thermal management), and electronic controller. There are also no specific battery-electric vehicle mileage break in procedures.

Section 12~Test Parameters and Description of Vehicles Covered by Certificate

12.01.01>< Vehicle Description Details

Model Name	Macan Turbo Electric	Macan Turbo Electric	Macan Turbo Electric	Macan GTS Electric
Carline	341	341	341	373
Vehicle Classification	LDT4	LDT4	LDT4	LDT4
Transmission	A1	A1	A1	A1
Engine Code	FA: EBZ A RA: ECM A			
Number of Drive E-Motors	2	2	2	2
Total E-Motor Power (HP)	576	576	576	509
E-Motor Power type	AC Permanent Magnet, Synchronous			
Battery Type	Lithium-Ion	Lithium-Ion	Lithium-Ion	Lithium-Ion
Recharge Voltage (Volts)	110 to 800	110 to 800	110 to 800	110 to 800
Number of Battery Cells	180	180	180	180
Number of Battery Packs (modules)	12	12	12	12
Number of Cells per Module	15	15	15	15
Battery Energy Capacity (A-h)	151	151	151	151
Battery System Voltage Range	504 - 756	504 - 756	504 - 756	504 - 756
Battery Specific Energy (W-hr/kg)	173	173	173	173
Battery System Weight (kg)	578	578	578	578
Drive Type	AWD	AWD	AWD	AWD
ETW [Lbf]	6000	6000	6000	6000
Curb Weight	5558	5560	5551	5520
Gross Vehicle Weight	6504	6504	6504	6482
Axle Ratio	9.00	9.00	9.00	9.00
N/V Ratio Fr Axle	102.6	102.6	102.6	102.6
N/V Ratio Rr Axle	103.4	103.4	103.4	103.4
Tire Sizes	Front	255/40 R22	255/40 R22	255/40 R22
	Rear	295/35 R22	295/35 R22	295/35 R22
RLHP	15.7	14.2	13.5	15.7
Single Roll Coefficients (target)	A [lbf]	47.97	41.00	39.00
	B [lbf/mph]	0.1791	0.2044	0.2044
	C [lbf/mph ²]	0.02439	0.02208	0.02067

Note: blank cells or tables are intentionally blank.

Section 12~Test Parameters and Description of Vehicles Covered by Certificate

12.01.02>> Vehicle Description Details, Continued

Model Name	Macan GTS Electric	Macan 4S Electric	Macan 4S Electric	Macan 4S Electric	
Carline	373	320	320	320	
Vehicle Classification	LDT4	LDT4	LDT4	LDT4	
Transmission	A1	A1	A1	A1	
Engine Code	FA: EBZ A RA: ECM A	FA: EBZ A RA: ECL A	FA: EBZ A RA: ECL A	FA: EBZ A RA: ECL A	
Number of Drive E-Motors	2	2	2	2	
Total E-Motor Power (HP)	509	442	442	442	
E-Motor Power type	AC Permanent Magnet, Synchronous				
Battery Type	Li-Ion	Li-Ion	Li-Ion	Li-Ion	
Recharge Voltage (Volts)	110 to 800	110 to 800	110 to 800	110 to 800	
Number of Battery Cells	180	180	180	180	
Number of Battery Packs (modules)	12	12	12	12	
Number of Cells per Module	15	15	15	15	
Battery Energy Capacity (A-h)	151	151	151	151	
Battery System Voltage Range	504 - 756	504 - 756	504 - 756	504 - 756	
Battery Specific Energy (W-hr/kg)	173	173	173	173	
Battery System Weight (kg)	578	578	578	578	
Drive Type	AWD	AWD	AWD	AWD	
ETW [Lbf]	6000	6000	6000	5500	
Curb Weight	5523	5428	5430	5393	
Gross Vehicle Weight	6482	6460	6460	6460	
Axle Ratio	9.00	10.07	10.07	10.07	
N/V Ratio Fr Axle	102.6	106.0	106.0	106.0	
N/V Ratio Rr Axle	103.4	115.1	115.1	115.1	
Tire Sizes	Front	255/40 R22	255/45 R21	255/45 R21	255/45 R21
	Rear	295/35 R22	295/40 R21	295/40 R21	295/40 R21
RLHP	14.2	15.6	14.6	14.1	
Single Roll Coefficients (target)	A [lbf]	41.01	49.80	41.12	37.90
	B [lbf/mph]	0.2044	-0.0376	0.1585	0.1585
	C [lbf/mph ²]	0.02208	0.02777	0.02422	0.02401

Note: blank cells or tables are intentionally blank.

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Section 12~Test Parameters and Description of Vehicles Covered by Certificate

12.01.03>< Vehicle Description Continued

Model Name	Macan 4 Electric	Macan 4 Electric	Macan 4 Electric 20in Wheels	
Carline	330	330	335	
Vehicle Classification	LDT4	LDT4	LDT4	
Transmission	A1	A1	A1	
Engine Code	FA: EBZ A RA: ECE A	FA: EBZ A RA: ECE A	FA: EBZ A RA: ECE A	
Number of Drive E-Motors	2	2	2	
Total E-Motor Power (HP)	382	382	382	
E-Motor Power type	AC Permanent Magnet, Synchronous	AC Permanent Magnet, Synchronous	AC Permanent Magnet, Synchronous	
Battery Type	Li-Ion	Li-Ion	Li-Ion	
Recharge Voltage (Volts)	110 to 800	110 to 800	110 to 800	
Number of Battery Cells	180	180	180	
Number of Battery Packs (modules)	12	12	12	
Number of Cells per Module	15	15	15	
Battery Energy Capacity (A-h)	151	151	151	
Battery System Voltage Range	504 - 756	504 - 756	504- 756	
Battery Specific Energy (W-hr/kg)	173	173	173	
Battery System Weight (kg)	578	578	578	
Drive Type	AWD	AWD	AWD	
ETW [Lbf]	5500	5500	5500	
Curb Weight	5377	5379	5362	
Gross Vehicle Weight	6437	6437	6437	
Axle Ratio	9.77	9.77	9.77	
N/V Ratio Fr Axle	106.0	106.0	106.0	
N/V Ratio Rr Axle	111.7	111.7	111.7	
Tire Sizes	Front	255/45 R21	255/45 R21	255/45 R21
	Rear	295/40 R21	295/40 R21	295/40 R21
RLHP	15.1	13.7	12.9	
Single Roll Coefficients (target)	A [lbf]	39.88	35.27	33.09
	B [lbf/mph]	0.3817	0.2761	0.2761
	C [lbf/mph ²]	0.02185	0.02144	0.01981

Note: blank cells or tables are intentionally blank.

Section 12~Test Parameters and Description of Vehicles Covered by Certificate

12.02>> Regenerative Braking

Overall description of Porsche regenerative (recuperative) braking system

- 1) Every deceleration ≤ 0.3 g is by regenerative braking.
- 2) Under default settings there is no regenerative braking when both brake and accelerator pedals are released. Porsche refers to this as "coasting".
- 3) If the driver selects Sport mode, there is regenerative braking instead of coasting when the accelerator pedal is released.
- 4) Optional regenerative functionality via Sport mode defaults to "Off" at key cycle.
- 5) Low frequency of friction brake actuation prompted implementation of two additional functions:
- 6) Function 1 is a "wearing-in" of brakes when new, and following brake service.
- 7) Function 1 occurs after delivery and brake service for 300 km to 600 km.
- 8) Function 1 is initially activated by dealership at time of delivery to customer.
- 9) Function 2 is a "brake refresh" after parking or extended vehicle storage.
- 10) Function 2 occurs after parking over 6 hours; dissipates 500 kJ of energy (e.g., 52 to 25 mph).

Section 13~Projected Sales

13.01>> Sales / Phase-ins

Confidential. See Section 16 in CBI version.

Section 14~Request for Certification

14.01>> Statement of Compliance

Porsche states that any element of design, system, or emission control device installed on or incorporated in Porsche's new motor vehicles or new motor vehicle engines for the purpose of complying with standards prescribed under section 202 of the Clean Air Act, will not, to the best of Porsche's information and belief, cause the emission into the ambient air of pollutants in the operation of its motor vehicles or motor vehicle engines which cause or contribute to an unreasonable risk to public health or welfare except as specifically permitted by the standards prescribed under section 202 of the Clean Air Act. Porsche further states that any element of design, system, or emission control device installed or incorporated in Porsche's new motor vehicles or motor vehicle engines for the purpose of complying with standards prescribed under section 202 of the Clean Air Act, will not, to the best of Porsche's information and belief, cause or contribute to an unreasonable risk to public safety.

The term pollutants means:

- a. Diesel particulates
- b. Nickel
- c. MMT combustion products
- d. Ammonia
- e. Sulfates
- f. Hydrogen sulfide
- g. Hydrogen cyanide
- h. Ruthenium combustion products
- i. Nitrosamines,

or any other pollutant, which Porsche has identified, which can reasonably be expected to be emitted from these vehicles.

All vehicles have been tested in accordance with good engineering practice to ascertain that such test vehicles meet the requirements of this section for the useful life of the vehicle.

The test vehicles with respect to which data are submitted are in all materials respects as described in the application for certification, have been tested in accordance with the applicable test procedures utilizing the fuels and equipment described in the application for certification, they meet the requirements of such tests, and on the basis of such tests, they conform to the requirements of the regulations in 40CFR, Part 86, Subpart A.

Signed and dated by:



October 20, 2025

Michael Scott – Porsche Cars North America, Inc.

Section 15~Other Information

15.01>> Fee Filing Form

Appears on the following page.

US EPA Fee Form

[Help and EPA Instructions](#)

* Required Field

General Information

Date: 08/11/2025

Process Code *

Submit New Fee Filing Form

Manufacturer Code *

PRX

Manufacturer Name *

Porsche Cars North America

Contact Name *

Peter Khamphouvong

Contact Email Address *

peter.khamphouvong@porsche.us

Contact Phone *

6787091264

Calendar Year complete application submitted to EPA *

2025

PLEASE NOTE: These fees apply to complete certification applications received by EPA from January 1, 2025, through December 31, 2025. The applicable fee is determined by the

calendar year in which the complete certification application is received, not the model year.

Engine Family / Evaporative Family / Test Group *

TPRXT00.0EMT

Certificate Request Type (Industry Sector Code)

Certificate Request Type *

- On-Highway LDV, LTD, MDVPV, HDV Chassis Cert (Federal) (A, B, D, J, T, V)
- On-Highway HDE Dyno Cert (Federal) (E, H)
- On-Highway LD ICI, MDPV ICI, HDV ICI (A, B, D, J, T, V)
- On-Highway Motorcycle (C)
- On-Highway HDV Evap (F)
- On-Highway LDV, LTD, MDVPV, HDV Chassis Cert (California-Only) (A, B, D, J, T, V)
- On-Highway HDE Dyno Cert (California-Only) (E, H)
- Nonroad CI (L)
- Nonroad SI (B, S)
- Locomotive (G, K)
- All Nonroad Recreational, excluding Marine engines (X, Y)
- All Marine (Including IMO) (M, N, W)
- Component Certification for Evaporative Emissions (P)

IMO Name (Required for dual US/IMO Marine Only)

ICI VIN Number (Required for ICIs Only)

Do you qualify for a Reduced Fee? *

No

Payment Information

Amount Owed

\$32,939.00

Payment Type *

Offline ACH

Comments

EPA Form Number 3520-29

OMB Control No.2060-0545

Approval expires 7/31/2027

The public reporting and recordkeeping burden for this collection of information is estimated to average 12 minutes per response. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates, and any suggested methods for minimizing respondent burden, including through the use of automated collection techniques to the Director, Collection Strategies Division, U.S. Environmental Protection Agency (2822T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed forms to this address.

The content of this document may contain Sensitive But Unclassified (SBU) data and/or Controlled Unclassified Information (CUI).

Khamphouvong, Peter (PCNA-BR2)

From: Stump, Barbara <Stump.Barbara@epa.gov>
Sent: Monday, September 29, 2025 2:43 PM
To: Khamphouvong, Peter (PCNA-BR2)
Subject: EPA MVECP Certification Fees Correction/Revision for TPRXT00.0EMS

ATTENTION: This is an external email. Do not click links or open attachments unless you recognize the sender and know the content is safe. Please use the Phish Alert Button in your Outlook ribbon to report suspicious emails.

Hello,

The fee correction is done. The fee payment has been corrected to TPRXV00.0EMS in EPA's fees system.

Best regards,

Barbara Stump

Business Process Analyst

Contractor to the U.S. EPA

OTAQ, Implementation, Analysis and Compliance Division

stump.barbara@epa.gov

GENERAL DYNAMICS
Information Technology

Section 16~Confidential Information

None.

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END OF DOCUMENT