



EV FACT SHEET

Porsche Macan Electric

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2025 Porsche Macan Electric. Image: Porsche

INTRODUCTION

Porsche first released the Macan SUV in 2014. However, with the release of the latest Macan, Porsche have 'crossed the Rubicon' with the nameplate and from now on the Macan will be produced only as a full battery electric vehicle (BEV) model.

European sales of the German-made, all-electric Macan began in in mid-2024, with Australian orders starting in late 2024. The model is offered here in four variants with increasing levels of power and torque. (See page 2 of this Fact Sheet for performance details):

- Macan: two-wheel drive (rear wheels driven)
- Macan 4: all-wheel drive (AWD)
- Macan 4S: all-wheel drive (AWD)
- Macan Turbo: all-wheel drive (AWD)

Initially, only the Macan 4 and Turbo were made available – however the 'base' model Macan and 4S are expected to be offered in early 2025. All four are offered with a 100kWh (gross), 800V battery pack that offers an impressive maximum DC charge rate of 270 kW.

DRIVING RANGE

Currently, the official Australian ADR 81/02 test cycle is based on the outdated (and highly over-optimistic) European NEDC test cycle. However few manufacturers now give this figure for their new releases. Instead, they generally quote the more achievable ranges found using the newer European WLTP test cycle.

Therefore, to avoid disappointment always check which test cycle has been used when assessing an EV for your needs. As a rough guide, NEDC is generally 30% too high, WLTP a good estimate if doing mostly urban and outer suburban driving and US EPA the better guide if doing mostly outer suburban to regional driving.

DRIVING RANGE (continued)

Version	National testing system range estimates:		
	ADR 81/02 (Aust)	WLTP (Euro)	US EPA
Macan	Not rated	641	TBC
Macan 4	Not rated	613	495
Macan 4S	Not rated	606	TBC
Macan Turbo	Not rated	591	464

Table 1: Driving range estimates for the Porsche Macan versions

Using the US EPA driving range, a Porsche Macan 4 should be capable of a return trip from the Melbourne GPO to Golden Beach at the edge of Victoria's Gippsland lakes. (This is assuming neither the heating nor air conditioning are heavily used).

If done as a day-trip, it would be useful to do either a ½ - 1 hour top-up charge at an AC charger or 5 to 10 min at a DCFC (DC fast-charger) at one of the expanding number of AC and DCFC sites along this route. For further charging options and availability, see: <https://www.plugshare.com/>



Image: Google maps

CHARGING SPEEDS/REQUIREMENTS

Charging port:

The Porsche Macan is fitted with a CCS2 socket allowing it to charge via Type 2 AC chargers¹ as well as CCS2 DC fast-chargers.



CCS2 charging plug and socket

Notes:

1. The Porsche Macan can be charged at any AC EVSE, however an adaptor will be needed to use the (very few) remaining older EVSEs fitted with Type 1 (J1772) plugs. It will also only charge at a maximum of 7.4 kW on a Type 1 plug EVSE.

CHARGING SPEEDS/REQUIREMENTS (CONTINUED)

AC charging:

Like all new EVs sold in Australia, the Porsche Macan is fitted with a type 2 AC socket.

Charging rates:

Single phase: maximum of 7.4 kW (32A)

Three phase: 11 kW (16A per phase)

Charging speeds vary on the capacity of the EVSE (Electric Vehicle Supply Equipment) the car is connected to. Approximate AC charging times for the Porsche Macan are shown in table 2.

AC: 0 – 100% time				DC: 0 – 80% time	
10 A (power point)	15 A 1 phase (Caravan outlet)	32 A (1 ph. Home EVSE)	16 or 32 A (3 phase public AC EVSE)	DC Fast charge (50kW)	DC Fast charge (270+kW)
45h	30h	15h	11kW: 10h 22kW: 10h	1h 40m	24m

Table 2: Approx. charging times for the Porsche Macan

DC fast charging

Like all new BEVs on the Australian market (except the ageing Nissan Leaf and Lexus UX300e), the Porsche Macan uses the CCS2 DC fast-charge connector and can charge at up to 270 kW DC.

V2X capability:

The Porsche Macan does not (currently) include any V2X functionality.

Notes:

V2X is the generic term covering the options of getting 230V AC power from the battery and supplying it as:

- V2L: vehicle to load (230V power available from outlet in car)
- V2H: vehicle to home (supply home via special connection)
- V2G: vehicle to grid (supply home or grid via spec. connection)

HOME CHARGING CONSIDERATIONS

General

To get the shortest home charging time for a Porsche Macan, an 11kW (3 phase) AC charger would be needed.

However, depending on your existing power supply and/or charging needs, it may only be practicable to fit a lower rated EVSE. (See notes below). Lower capacity EVSEs will increase charging times, as shown in table 2.

Important notes for any home EVSE installation:

1. High charging rates are generally not needed for overnight charging.
2. Homes do not normally have three phase AC connected.
3. Switchboard and/or electrical supply upgrades may be needed if your home is more than 20 years old. For more information on this item – see Fact Sheets at EVchoice.com.au or read articles in:
 - (a) Renew magazine edition 143. (EVSE wiring)
 - (b) Renew magazine edition 156. (EVSE buyer's guide)

SPECIFICATIONS

Seating: 5

Boot volumes in litres: (1 litre = 10 x 10 x 10 cm)

- Boot - seats up: 540 L
- Boot - seat folded/to roof: 1,348 L
- Froot (front boot): 84 L

Dimensions:

- Overall length: 4,784 mm
- Overall height: 1,623 mm
- Ground clearance:
 - 185 mm with standard suspension
 - 185 mm – 225 mm with air suspension
- Overall width (edge of doors): 1,938 mm
- Overall width (edge of mirrors): 2,152 mm

Battery:

- 100 kWh (95 useable)

Energy consumption: (WLTP test cycle)

- Macan: 17-19.8 kWh/100km
- Macan 4: 17.9-21.1 kWh/100km
- Macan 4S: 17.7-20.7 kWh/100km
- Macan Turbo: 18.8-20.7 kWh/100km

Kerb weight:

- Macan: 2,000 kg
- Macan 4: 2,330 kg
- Macan 4S: 2,345 kg
- Macan Turbo: 2,405 kg

Charging:

- 1 phase AC: 7.4 kW max.
- 3 phase AC: 11 kW max.
- DC: 270 kW.

Charge port location:

- passenger side, rear.

Drive configuration:

- Macan: 2WD (rear wheels driven)
- All others: All-wheel drive (AWD)

Towing:

- 750kg/2,000kg (unbraked/braked)

Performance:

Version	Max. Power (kW)	Max. torque (Nm)*	0-100km/h (Sec)*
Macan	250/265*	563	5.7
Macan 4	285/300*	650	5.2
Macan 4S	330/380*	820	4.1
Macan Turbo	430/470*	1130	3.3

* In boost/Launch Control mode

Spare tyre: No

IMPORTANT NOTES

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