

Macan Turbo

Consumption, emissions, range (WLTP)

Electric energy consumption combined	20.7 – 18.9 kWh/100 km
CO ₂ emissions combined	0 g/km
CO ₂ class	A
Electric range combined	518 – 590 km
Electric range, city	670 – 762 km

Drive system

Battery	High-voltage battery with 800 V rated voltage; energy content (gross): 100 kWh; energy content (net): 95 kWh
Electric motor, front axle	Permanent magnet synchronous motor
Electric motor, rear axle	Permanent magnet synchronous motor
Transmission, front axle	Single-speed transmission
Transmission, rear axle	Single-speed transmission
Drive system	All-wheel drive with electronically controlled Porsche Traction Management (ePTM); Porsche Torque Vectoring Plus (PTV Plus) incl. fully variable, electronically controlled rear differential lock with fully variable torque distribution
Power output ¹⁾	Up to 430 kW (584 PS)
Overboost power with Launch Control ¹⁾	Up to 470 kW (639 PS)
Maximum torque with Launch Control	1,130 Nm

Chassis

Suspension and damping	Adaptive single-chamber air suspension with self-levelling and height adjustment; Porsche Active Suspension Management (PASM); Electronically controlled damping system with two-valve dampers, continuous damper control and four manually selectable modes
Front axle	Aluminium five-link front axle
Rear axle	Aluminium five-link rear axle
Steering	Electromechanical Power Steering Plus with variable steering ratio, steering impulse and additional reduction of steering forces at low speeds
Steering ratio	15.6:1 (on-centre); 13.0:1 with rear-axle steering (on-centre)
Turning circle diameter	12.1 m; 11.1 m with rear-axle steering
Vehicle stability system	Porsche Stability Management (PSM) with ABS, ASR, ABD, MSR and Trailer Stability Management; Porsche Hill Control (PHC)

¹⁾ Details on the measurement procedure at www.porsche.com/gtr21

All data refers to the EU model (Germany). Technical data may vary depending on the country.

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Brakes

Brake system	Porsche Recuperation Management; six-piston aluminium monobloc fixed-calliper brakes in front, combination floating calliper brakes in the rear; electric parking brake, automatic hold function; multi-collision brake
Brake discs, front axle	Grey cast-iron brake discs, internally ventilated
Diameter	400 mm
Thickness	38 mm
Brake discs, rear axle	Grey cast-iron brake discs, internally ventilated
Diameter	350 mm
Thickness	30 mm

Wheels and tyres

Front wheels and tyres	7.5 J x 20 ET 32 with 235/55 R 20 tyres
Rear wheels and tyres	10.0 J x 20 ET 49 with 285/45 R 20 tyres

Dimensions

Length	4,784 mm
Width (including exterior mirrors)	1,938 mm (2,152 mm)
Height	1,621 mm
Wheelbase	2,893 mm
Front track width	1,687 mm
Rear track width	1,661 mm

Luggage compartment volume and weights

Luggage compartment volume (rear/front)	480 – 1,288 l/84 l
Unladen weight (DIN)	2,405 kg
Permissible gross weight	2,950 kg
Permissible trailer load (braked/ unbraked)	2,000 kg/750 kg
Maximum towball load	80 kg
Permissible roof load (with Porsche roof transport system)	75 kg

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Performance

Top speed	260 km/h
Acceleration (with Launch Control)	
0 – 60 mph	3.1 s
0 – 100 km/h	3.3 s
0 – 160 km/h	7.4 s
0 – 200 km/h	11.7 s

Charging

Maximum charging capacity (DC)	Up to 270 kW
Charging time for direct current (DC, 800 V) with maximum charging capacity from 10 to up to 80 per cent under optimal conditions ²⁾	21 min
Recharged range (WLTP) in 10 mins at maximum charging power (800 V) under optimal conditions ³⁾	240 km
Charging time for direct current (DC, 400 V) with max. 135 kW charging capacity from 10 to up to 80 per cent	33 min
Recharged range (WLTP) in 10 mins at maximum charging power (400 V)	119 km
Charger (on-board charger)	11 kW
Charging time with alternating current (AC) at 11 kW from 0 to up to 100 per cent	10 hrs

Aerodynamics

Drag coefficient (c_d)	0.25
Frontal area A	2.68 m ²
$c_d \times A$	0.670 m ²

²⁾ Optimal conditions: CCS fast-charging station of > 320 kW, > 850 V, battery temperature 23 °C and initial state of charge of nine per cent

³⁾ Optimal conditions: CCS fast-charging station with > 320 kW, > 850 V, battery temperature 23 °C and remaining range <30 km