

Taycan Turbo S

Consumption, emissions, range (WLTP)

Electric energy consumption combined	20.5 – 17.9 kWh/100 km
CO ₂ emissions combined	0 g/km
CO ₂ class	A
Electric range combined	558 – 630 km
Electric range, city	612 – 691 km

Drive system

Battery	High-voltage battery with 800 V rated voltage; energy content (gross): 105 kWh; energy content (net): 97 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	Two-speed transmission
Drive system	All-wheel drive with electronically controlled Porsche Traction Management (PTM); Porsche Torque Vectoring Plus (PTV Plus) incl. fully variable, electronically controlled rear differential lock with fully variable torque distribution
Power output ¹⁾	Up to 570 kW (775 PS)
Overboost power with Launch Control ¹⁾	Up to 700 kW (952 PS)
Maximum torque with Launch Control	1,110 Nm

Chassis

Suspension and damping	Adaptive two-chamber air suspension with self-levelling system and height adjustment; Porsche Active Suspension Management (PASM): electronically controlled damping system with two-valve dampers, continuous damper control and three manually selectable modes
Front axle	Aluminium double-wishbone front axle
Rear axle	Aluminium multi-link suspension
Steering	Electromechanical Power Steering Plus and rear-axle steering
Steering ratio	13.9:1 (on-centre)
Turning circle diameter	11.2 m
Vehicle stability system	Porsche Stability Management (PSM) with ABS and extended brake functions

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

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Brakes

Brake system	Porsche Recuperation Management; ten-piston aluminium monobloc fixed-calliper brakes at the front, four-piston aluminium monobloc fixed-calliper brakes at the rear; electric parking brake, automatic hold function; multi-collision brake
Brake discs, front axle	Porsche Ceramic Composite Brake (PCCB); ceramic brake discs, internally ventilated and cross-drilled
Diameter	420 mm
Thickness	40 mm
Brake discs, rear axle	Porsche Ceramic Composite Brake (PCCB); ceramic brake discs, internally ventilated and cross-drilled
Diameter	410 mm
Thickness	32 mm

Wheels and tyres

Front wheels and tyres	9.0 J x 21 ET 56 with 245/40 R 21 tyres
Rear wheels and tyres	11.0 J x 21 ET 59 with 285/35 R 21 tyres

Dimensions

Length	4,962 mm
Width (including exterior mirrors)	1,966 mm (2,144 mm)
Height	1,378 mm
Wheelbase	2,900 mm
Front track width	1,698 mm
Rear track width	1,669 mm

Luggage compartment volume and weights

Luggage compartment volume (rear/front)	366 l/84 l
Unladen weight (DIN)	2,295 kg
Permissible gross weight	2,870 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	2.3 s
0 – 100 km/h	2.4 s
0 – 160 km/h	5.2 s
0 – 200 km/h	7.7 s

Charging

Maximum charging capacity (DC)	Up to 320 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⁾	18 min
Recharged range (WLTP) in 10 mins at maximum charging power (800 V) under optimal conditions ³⁾	293 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)	124 km
Charger (on-board charger)	11 kW
Charging time with alternating current (AC) at 11 kW from 0 to up to 100 per cent	11 hrs

Aerodynamics

Drag coefficient (c_d)	0.22
Frontal area A	2.33 m ²
$c_d \times A$	0.513 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