

Specifications Porsche 911 Turbo S Coupé*

Body:	Two-plus-two seat Coupé; lightweight body in intelligent mixed aluminium-steel construction with wings, doors, boot and bonnet lids made of aluminium; two-stage driver and front passenger airbags; side and head airbags for driver and front passenger.
Aerodynamics:	Drag coefficient c_d : 0.31 Frontal area A: 2.07 m ² $c_d \times A$: 0.64
Engine:	Water-cooled flat-six engine; aluminium engine block and cylinder heads; four overhead camshafts; four valves per cylinder; variable inlet valve timing and lift (VarioCam Plus); hydraulic valve lifter; direct petrol injection; one three-way catalytic converter per cylinder bank, each with two oxygen sensors; bi-turbo charging with Variable Turbine Geometry (VTG); engine oil 10.4 litres; electronic ignition with solid-state ignition distribution (six active ignition modules); thermal management for coolant circulation; auto start/stop function. Bore: 102.0 mm Stroke: 77.5 mm Displacement: 3,800 cm ³ Compression ratio: 9.8:1 Engine power: 560 hp (412 kW) at 6,500 – 6,750 rpm Max. torque: 700 Nm at 2,100 – 4,250 rpm (750 Nm at 2,200 – 4,000 rpm ^{**}) Power output per litre: 147.4 hp/l (108.4 kW/l) Maximum engine speed: 7,200 rpm Fuel type: Super Plus Electrical system: 12 Volt; alternator 2,100 W; battery 95 Ah; electrical system recuperation.

* Specifications may vary according to markets.

** Overboost with Sport Plus (standard)

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Power transmission: Engine and transmission bolted to form one drive unit; active all-wheel drive with electronically controlled, map-controlled multi-plate clutch (PTM); seven-speed Doppelkupplung (PDK) with controlled rear locking differential and Porsche Torque Vectoring Plus (PTV+).

Gear ratios

1 st gear	3.91
2 nd gear	2.29
3 rd gear	1.58
4 th gear	1.18
5 th gear	0.94
6 th gear	0.79
7 th gear	0.62
Reverse	3.55
Final drive ratio, rr. axle	3.44
Final drive ratio, fr. axle	3.33
Clutch diameter	220 mm/163.5 mm

Chassis: Front axle: strut suspension (MacPherson type, Porsche optimised) with wheels independently suspended by transverse links, longitudinal links and struts; cylindrical coil springs with internal dampers; electromechanical power steering.

Rear axle: multi-link suspension with wheels independently suspended on five links; cylindrical coil springs with coaxial internal dampers; active rear-wheel steering.

Porsche Active Suspension Management (PASM) with electronically controlled dampers; two manually selectable maps; Porsche Dynamic Chassis Control (PDCC).

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Brakes:

Porsche Ceramic Composite Brake (PCCB); dual-circuit brake system with separate circuits for front and rear axles; Porsche Stability Management (PSM); vacuum brake booster; brake assistant; electric duo-servo parking brake; auto-hold function.

Front axle: six-piston alum. monobloc brake callipers, perforated and internally ventilated ceramic brake discs with 410 mm diameter and 36 mm thickness.

Rear axle: four-piston alum. monobloc brake callipers, perforated and internally ventilated ceramic brake discs with 390 mm diameter and 32 mm thickness.

Wheels and tyres:

front	9 J x 20	with	245/35 ZR 20
rear	11.5 J x 20	with	305/30 ZR 20

Weights:

Unladen weight DIN	1,605 kg
Permissible gross weight	1,990 kg

Dimensions:

Length	4,506 mm
Width	1,880 mm
Width with door mirrors	1,978 mm
Height	1,296 mm
Wheelbase	2,450 mm

Track widths	front	1,539 mm
	rear	1,590 mm

Luggage comp. capacity	front	115 litres
	back	260 litres

Fuel tank capacity	68 litres
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Performance:	Top speed	318 km/h
	Acceleration: 0 – 100 km/h	3.1 s
	0 – 200 km/h	10.3 s
Consumption (NEDC):	Combined	9.7 l/100 km
	Urban	13.2 l/100 km
	Extra-urban	7.7 l/100 km
CO₂ emissions:		227 g/km
Emissions class:		Euro 6