

Specifications of the Porsche 911 Turbo S Cabriolet*

Body:	Two-plus-two seat Cabriolet; lightweight body featuring an intelligent mixed aluminium-steel construction; wings, doors, luggage compartment lid and engine compartment lid made from 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
Engine:	Water-cooled flat-six cylinder engine; aluminium engine block and cylinder heads; four overhead camshafts; four valves per cylinder; variable inlet valve timing and valve-lift adjustment (VarioCam Plus); hydraulic valve clearance compensation; direct fuel injection; one three-way catalytic converter per cylinder bank, each with two oxygen sensors; bi-turbo charging with variable turbine geometry (VTG); engine oil capacity of 10.4 litres; electronic ignition with solid-state ignition distribution (six active ignition modules); thermal management system for coolant circulation; auto Start Stop function. Bore: 102.0 mm Stroke: 77.5 mm Displacement: 3800 cm ³ Compression ratio: 9.8:1 Engine power: 560 hp (412 kW) at 6500 – 6750/min Max. torque: 700 Nm at 2100 – 4250/min (750 Nm at 2200 – 4000/min**) Power output per litre: 147.4 hp/l (108.4 kW/l) Maximum revs: 7200/min Fuel type: Super Plus Electrical system: 12 volts; three-phase generator, 2100 W; battery, 95 Ah; electrical system recuperation.

*Specifications may vary according to markets

**Overboost with Sport Plus (standard)

Specifications • Porsche 911 Turbo S Cabriolet

Power transmission: Engine and transmission bolted to form one drive unit; active all-wheel drive with electro-hydraulically controlled, map-controlled multi-plate clutch (PTM); seven-speed double-clutch transmission (PDK) with controlled rear-axle differential lock 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
R gear	3.55
Rear final drive ratio	3.44
Front final drive ratio	3.33
Clutch diameter	220 mm/163.5 mm

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

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

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

Specifications • Porsche 911 Turbo S Cabriolet

Brakes: Porsche Ceramic Composite Brake (PCCB); dual-circuit brake system with axle distribution; Porsche Stability Management (PSM) system; vacuum brake booster; brake assistant; electric duo-servo parking brake; auto-hold function.

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

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

Wheels and tyres:	Front	9 J x 20	with	245/35 ZR 20
	Rear	11.5 J x 20	with	305/30 ZR 20

Weight:	DIN weight empty	1675 kg
	Permissible gross weight	2045 kg

Dimensions:	Length	4506 mm
	Width	1880 mm
	Width with exterior mirrors	1978 mm
	Height	1292 mm
	Wheelbase	2450 mm

Track width	Front	1539 mm
	Rear	1590 mm

Luggage compartment volume	Front	115 l
	Rear	160 l

Tank capacity	68 l
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Specifications • Porsche 911 Turbo S Cabriolet

Performance:	Top speed	318 km/h
	Acceleration: 0 – 100 km/h	3.2 s
	0 – 200 km/h	10.8 s
Consumption (NEDC):	Overall	9.9 l/100 km
	Urban traffic	13.4 l/100 km
	Extra-urban traffic	7.8 l/100 km
CO₂ emissions:		231 g/km
Emissions class:		Euro 6