

Specifications Porsche 911 Turbo S Cabriolet*

Body:	Two-plus-two cabriolet; monocoque, fully hot-galvanised light-weight steel body with aluminium doors; driver and front passenger airbags operating in two stages; side and head airbags for driver and front passenger.
Aerodynamics:	Drag coefficient $C_d = 0.32$ Frontal area $A = 2.05 \text{ m}^2$ $C_d \times A = 0.66$
Power Unit:	Water-cooled horizontally-opposed six-cylinder; engine block and cylinder heads made of aluminium; four overhead camshafts, four valves per cylinder, variable valve timing on intake side and valve lift switchover (VarioCam Plus); hydraulic valve play compensation; bi-turbocharging, turbocharger with variable turbine geometry (VTG); Direct Fuel Injection; two three-way catalytic converters on each row of cylinders, each with two oxygen sensors; 10.4 ltr (2.3 imp gals) engine oil; electronic ignition with solid-state distributor (six ignition coils).
Bore:	102 mm/4.02"
Stroke:	77.5 mm/3.05"
Capacity:	3800 cc
Compression Ratio:	9.8:1
Engine Output:	390 kW (530 bhp) at 6250 – 6750 rpm
Max Torque:	700 Nm/516 lb-ft from 2100 – 4250 rpm
Output per Litre:	102.6 kW/139.5 bhp
Max Engine Speed:	7000 rpm
Fuel Grade:	Premium Plus
Electrical System:	12 V; 2100 W three-phase alternator; 70 Ah, 340 A battery

* Specifications may vary according to markets

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Power transmission: Engine and gearbox bolted to form one drive unit; active all-wheel drive with electronically controlled power distribution (PTM); seven-speed PDK Porsche-Doppelkupplungsgetriebe; Mechanical rear axle differential.

Gear ratios	PDK
1 st	3.91
2 nd	2.29
3 rd	1.58
4 th	1.18
5 th	0.94
6 th	0.79
7 th	0.62
Reverse	3.55
Final drive	3.44
Clutch diameter	220/163.5 mm (8.66"/6.44")

Chassis and Suspension: Front: Spring strut axle in McPherson design optimised by Porsche with independent wheel suspension on track control arms, longitudinal arms and spring struts; conical stump springs with inner-mounted vibration dampers.

Rear: Multi-arm axle with independent suspension on five arms; cylindrical coil springs with co-axial inner-mounted vibration dampers.

PASM Porsche Active Suspension Management with electronically controlled vibration dampers; two control maps for manual selection.

Brakes: Twin-circuit brake system split front-to-rear. Front: Six-piston aluminium monobloc brake callipers; cross-drilled and inner-vented ceramic PCCB brake discs measuring 380 mm/14.96" in diameter and 34 mm/1.34" across.

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Rear: Four-piston aluminium monobloc brake callipers; cross-drilled and inner-vented ceramic PCCB brake discs measuring 350 mm/13.78" in diameter and 28 mm/1.10" across.

PSM Porsche Stability Management; vacuum brake servo; Brake Assistant.

Wheels and Tyres:	Front	8.5 J x 19	on	235/35 ZR 19
	Rear	11 J x 19	on	305/30 ZR 19

Weight:	Unladen, DIN	1660 kg
	Max permissible	2010 kg

Dimensions:	Length	4450 mm/175.2"
	Width	1852 mm/72.9"
	Height	1300 mm/51.2"
	Wheelbase	2350 mm/92.5"

Track,	front	1490 mm/58.7"
	rear	1548 mm/60.9"

Luggage capacity,	front	105 ltr/3.7 cu ft
	rear	155 ltr/5.4 cu ft

Tank capacity	67 ltr/14.7 imp gals
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Performance:	Top speed	315 km/h/195 mph
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Acceleration:	0 – 100 km/h	3.4 sec
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0 – 200 km/h	11.3 sec
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**Fuel Consumption
(NEDC):**

Urban	16.7 ltr/100 km
Extra-urban	8.2 ltr/100 km
Combined	11.5 ltr/100 km

CO₂ Emissions: 270 g/km

Emission Rating: Euro 5