

911 Turbo S Cabriolet

Engine

Type	Six-cylinder boxer engine with VTG biturbocharging; gasoline particulate filter
No. of cylinders	6
Valves/cylinder	4
Displacement	3,745 cm ³
Bore	102.0 mm
Stroke	76.4 mm
Max. power output	478 kW (650 PS)
at engine speed	6,750 rpm
Max. torque	800 Nm
at engine speed	2,500 – 4,000 rpm
Max. power output per litre	127.6 kW/l (173.6 PS/l)
Compression ratio	8.7:1
Max. rpm	7,200 rpm
Valve control	VarioCam Plus: variable valve timing on intake and exhaust sides, valve lift switchover on intake side
Oil supply	Integrated dry sump lubrication and demand-controlled oil pump
Turbocharging	Biturbocharging with variable turbine geometry (VTG) and electronically controlled wastegate; maximum boost pressure 1.55 bar
Intake system	Expansion intake system
Exhaust system	Exhaust system with two twin tailpipes mounted on rear section (made of stainless steel, black)

The technical specifications may vary from country to country. All information refers to the EU version.

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Power transmission

Drive system	Porsche Traction Management (PTM): active all-wheel drive with electronically regulated, map-controlled multi-plate clutch, variable torque distribution between front and rear axles; Porsche Torque Vectoring Plus (PTV Plus) including electronic rear differential lock with fully variable torque distribution	
Transmission	Eight-speed Porsche dual-clutch transmission (PDK) with dual-mass flywheel	
Gear ratio		
	1 st gear	4.89
	2 nd gear	3.17
	3 rd gear	2.15
	4 th gear	1.56
	5 th gear	1.18
	6 th gear	0.94
	7 th gear	0.76
	8 th gear	0.61
	Reverse gear	3.99
	Overall transmission ratio RA	3.02

Chassis

Suspension and damping	PASM chassis: steel suspension and variable damping system Porsche Active Suspension Management (PASM); active roll stabilisation system Porsche Dynamic Chassis Control (PDCC)	
Front axle	McPherson spring-strut suspension	
Rear axle	Multi-link axle	
Steering	Electromechanical power steering with variable steering ratio and steering pulse input; rear-axle steering	
Steering ratio	14.1:1 (centre position) to 12.5:1	
Steering wheel diameter	360 mm	
Turning circle diameter	10.9 m	
Vehicle stability system	Porsche Stability Management (PSM) incl. ABS with extended brake functions; separately selectable PSM Sport mode.	

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Brakes

Brake system	Porsche Ceramic Composite Brake (PCCB); dual circuit brake system with axle-based distribution; electromechanical brake booster; braking assistant; electric duo-servo parking brake
Front axle brakes	Ten-piston aluminium monobloc fixed calliper brakes; cross-drilled and internally vented ceramic composite brake discs with aluminium brake pots
Diameter	420 mm
Thickness	40 mm
Rear axle brakes	Four-piston aluminium monobloc fixed calliper brakes; cross-drilled and internally vented ceramic composite brake discs with aluminium brake pots
Diameter	390 mm
Thickness	32 mm

Wheels and tyres

Wheels with tyres, front	9 J x 20" ET 41 with 255/35 ZR20 tyres
Wheels with tyres, rear	11.5 J x 21" ET 67 with 315/30 ZR21 tyres

Dimensions

Length	4,535 mm
Width (with exterior mirrors)	1,900 mm (2,024 mm)
Height	1,301 mm
Wheelbase	2,450 mm
Track width, front	1,583 mm
Track width, rear	1,600 mm

Luggage compartment volume and weights

Luggage compartment volume	Front 128 l, rear 163 l (rear seat backrests folded down)
Unladen weight according to DIN	1,710 kg
Permissible gross weight	2,080 kg
Weight-to-power ratio	3.6 kg/kW (2.6 kg/PS)

Technical specifications

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Performance

Top speed	330 km/h
Acceleration	
0 – 60 mph	2.7 s
0 – 100 km/h	2.8 s
0 – 160 km/h	6.0 s
0 – 200 km/h	9.3 s

Fuel and emissions

Emissions standard	Euro 6d-ISC-FCM (EU6 AP)
Fuel type	Super Plus (98 RON)
Fuel consumption (NEDC)	
Urban	15.9 l/100 km
Extra-urban	8.6 l/100km
Combined	11.3 l/100km
CO₂ emissions	
Combined	257 g/km
Efficiency class Germany	G
Fuel tank capacity	67 l

Aerodynamics

Drag coefficient c_d	0.33
Frontal area A	2.13 m ²
$c_d \times A$	0.703 m ²