

Technical data**911 Carrera S****Engine**

Type	Six-cylinder boxer engine with twin-turbo charge; gasoline particulate filter (GPF)
No. of cylinders	6
Valves/cylinders	4
Displacement	2,981 cm ³
Bore	91.0 mm
Stroke	76.4 mm
Max. power output	331 kW (450 PS)
at engine speed	6,500 rpm
Max. torque	530 Nm
at engine speed	2,300 – 5,000 rpm
Max. output per litre	111 kW/l (151 PS/l)
Compression ratio	10.2:1
Maximum engine speed	7,500 rpm
Cooling system	Water cooling with map-controlled thermal management and switchable water pump
Valve control	VarioCam Plus: Camshaft adjustment for intake and outlet; valve lift adjustment for intake

The technical data may vary from country to country

Technical data**911 Carrera S****Power transmission**

Drive system	Rear-wheel drive; Porsche Torque Vectoring Plus (PTV Plus) including electronic rear differential lock with fully variable torque distribution
Transmission	Eight-speed dual-clutch transmission (PDK)
Gear ratios	
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
Rear axle ratio	3.12

Chassis

Suspension and damping	Steel suspension and hydraulic gas-filled vibration dampers; Porsche Active Suspension Management (PASM)
Front axle	Spring-strut suspension: wheels independently suspended on wishbones with trailing links and struts (McPherson type, Porsche-optimized)
Rear axle	Lightweight multi-link suspension with wheels independently guided on five suspension arms
Steering	Electromechanical power steering with variable steering ratio and steering pulse; optional rear-axle steering (RAS)
Steering ratio	15.0:1 (centre position); with RAS 14.1:1
Steering wheel diameter	360 mm
Turning circle diameter	11.2 m
Vehicle stability system	Porsche Stability Management (PSM) incl. ABS with extended brake functions

911 Carrera S

Brakes

Brake system	Six-piston aluminium monobloc fixed calliper brakes at the front, four-piston aluminium monobloc fixed calliper brakes at the rear; electric parking brake
Brake discs, front axle	Grey cast iron, internally vented and perforated
Diameter	350 mm
Thickness	34 mm
Brake discs, rear axle	Grey cast iron, internally vented and perforated
Diameter	350 mm
Thickness	28 mm

Wheels and tyres

Wheels with tyres, front	8.5J x 20 ET 53 with 245/35 ZR 20 tyres
Wheels with tyres, rear	11.5J x 21 ET 67 with 305/30 ZR 21 tyres

Dimensions

Length	4,519 mm
Width (with door mirrors)	1,852 mm (2,024 mm)
Height	1,300 mm
Wheelbase	2,450 mm
Track width, front	1,589 mm
Track width, rear	1,557 mm

Luggage volumes and weights

Luggage volumes	132 l
Unladen weight (DIN)	1,515 kg
Allowable gross weight	1,985 kg
Roof load (with Porsche roof transport system)	75 kg

Technical data**911 Carrera S****Performance**

Top speed	308 km/h
Acceleration	
0 – 60 mph	3.5 s
0 – 60 mph with Sport Plus	3.3 s
0 – 100 km/h	3.7 s
0 – 100 km/h with Sport Plus	3.5 s
0 – 160 km/h	8.1 s
0 – 160 km/h with Sport Plus	7.8 s
0 – 200 km/h	12.4 s
0 – 200 km/h with Sport Plus	12.1 s

Fuel and emissions

Emissions standard	Euro 6d-Temp EVAP (EU6 BG)
Fuel type	Super Plus (98 RON)
Fuel consumption	
Urban	10.7 l/100 km
Extra-urban	7.9 l/100 km
Combined	8.9 l/100 km
CO₂ emissions	
Combined	205 g/km
Efficiency class in Germany	F
Fuel tank capacity (optional)	64 l (90 l)

Aerodynamics

Drag coefficient c_d	0.29
Frontal area A	2.07 m ²
$c_d \times A$	0.600

All information refers to the EU model.