

Technical data

911 Carrera 4S (MT)**Engine**

Type	Six-cylinder boxer engine with biturbocharging; 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 on intake and exhaust sides; valve lift switchover on intake side

All information refers to the EU model. The technical data may vary from country to country

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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 (PTV) with mechanical rear differential lock with asymmetric locking action	
Transmission	Seven-speed manual transmission with dual-plate clutch and dual-mass flywheel	
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 gear	3.55
	Rear axle ratio	3.56

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-optimised)	
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; with RAS 10.9 m	
Vehicle stability system	Porsche Stability Management (PSM) incl. ABS with extended brake functions	

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Brakes

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

Wheels and tyres

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

Dimensions

Length	4,519 mm
Width (with door mirrors)	1,852 mm (2,024 mm)
Height	1,302 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)	1,530 kg
Allowable gross weight	1,980 kg
Roof load (with Porsche roof transport system)	75 kg

Technical data**911 Carrera 4S (MT)****Performance**

Top speed	306 km/h
Acceleration	
0 – 60 mph	4.0 s
0 – 100 km/h	4.2 s
0 – 160 km/h	8.8 s
0 – 200 km/h	13.5 s

Fuel and emissions

Emissions standard	Euro 6d-ISC-FCM (EU6 AP)
Fuel type	Super Plus (98 RON)
Fuel consumption	
Urban	14.8 l/100 km
Extra-urban	7.4 l/100 km
Combined	10.1 l/100 km
CO₂ emissions	
Combined	231 g/km
Efficiency class in Germany	G
Fuel tank capacity	67 l

Aerodynamics

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