

Technical data

911 Carrera S (MT)**Engine**

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| 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

Technical data**911 Carrera S (MT)****Power transmission**

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| Drive system | Rear-wheel drive; 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

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|---------------------------------|---|
| 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 |

911 Carrera S (MT)

Brakes

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| 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

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|---------------------------------|--|
| 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

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|----------------------------------|---------------------|
| 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

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| Luggage volumes | 132 l |
| Unladen weight (DIN) | 1,480 kg |
| Allowable gross weight | 1,955 kg |
| Roof load (with Porsche roof transport system) | 75 kg |

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

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|---------------------|----------|
| Top speed | 308 km/h |
| Acceleration | |
| 0 – 60 mph | 4.0 s |
| 0 – 100 km/h | 4.2 s |
| 0 – 160 km/h | 8.6 s |
| 0 – 200 km/h | 13.2 s |

Fuel and emissions

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|--------------------------------------|--------------------------|
| Emissions standard | Euro 6d-ISC-FCM (EU6 AP) |
| Fuel type | Super Plus (98 RON) |
| Fuel consumption | |
| Urban | 14.5 l/100 km |
| Extra-urban | 7.3 l/100 km |
| Combined | 10.0 l/100 km |
| CO₂ emissions | |
| Combined | 227 g/km |
| Efficiency class in Germany | G |
| Fuel tank capacity (optional) | 64 l (90 l) |

Aerodynamics

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