

Technical data

911 Carrera GTS (GPF)**Engine**

Type	Biturbo flat-six engine; gasoline particulate filter
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	550 Nm
at engine speed	2,350 – 5,000 rpm
Max. output per litre	111 kW/l (151 PS/l)
Compression ratio	10.0:1
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 GTS (GPF)****Power transmission**

Drive system	Rear-wheel drive
Transmission	Seven-speed dual-clutch transmission (PDK) with rear differential lock and PTV Plus
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
Overall rear axle transmission	3.59

Chassis

Suspension and damping	Sports chassis with steel suspension lowered by 20 mm; Porsche Active Suspension Management (PASM) with electronically controlled dampers; two manually selected damping programmes
Front axle	Lightweight spring-strut suspension (McPherson type)
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	16.9:1 (central position) to 12.25:1; with RAS 15.0:1 (central position) to 12.5:1
Steering wheel diameter	360 mm
Turning circle diameter	11.1 m; with RAS 10.7 m
Vehicle stability system	Porsche Stability Management (PSM) incl. ABS with extended brake functions

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Brakes

Brake system	Dual circuit brake system with brake discs at the front and rear; vacuum brake booster; braking assist; electric duo-servo parking brake; auto-hold function; multi-collision brake
Brake discs, front axle	Six-piston aluminium monobloc racing brake; internally vented and perforated cast iron discs
Diameter	350 mm
Thickness	34 mm
Brake discs, rear axle	Four-piston aluminium monobloc racing brake; internally vented and perforated cast iron discs
Diameter	330 mm
Thickness	28 mm

Wheels and tyres

Wheels and tyres, front	9 J x 20 ET 51 with tyres 245/35 ZR 20
Wheels with tyres, rear	12 J x 20 ET 63 with tyres 305/30 ZR 20

Dimensions

Length	4,528 mm
Width (with door mirrors)	1,852 mm (1,978 mm)
Height	1,284 mm
Wheelbase	2,450 mm
Track width, front	1,539 mm
Track width, rear	1,544 mm

Luggage volumes and weights

Luggage volumes	Front 125, rear 260 l
Unladen weight (DIN)	1470 kg
Allowable gross weight	1,935 kg
Weight-to-power ratio	4.4 kg/kW (3.3 kg/PS)

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Performance

Top speed	310 km/h
Acceleration	
0 – 60 mph with Sport Plus	3.5 s
0 – 100 km/h with Sport Plus	3.7 s
0 – 160 km/h with Sport Plus	7.9 s
0 – 200 km/h with Sport Plus	12.4 s

Fuel and emissions

Emissions standard	Euro 6d-Temp
Fuel type	Super Plus (98 RON)
Fuel consumption	
Urban	11.2 l/100 km
Extra-urban	7.4 l/100 km
Combined	8.8 l/100 km
CO₂ emissions	
Combined	201 g/km
Efficiency class in Germany	F
Fuel tank capacity	64 l (optional: 90 l)

Aerodynamics

Drag coefficient c_d	0.31
Frontal area A	2.05 m ²
$c_d \times A$	0.6355

The data refers to the EU model.