

911 Carrera GTS

Fuel and emissions (WLTP)

Fuel consumption, combined	11.0 – 10.5 l/100 km
CO ₂ emissions, combined	251 – 239 g/km
CO ₂ class	G
Emissions standard	EU6 EA
Fuel type	Super Plus (98 RON)
Fuel tank capacity (optional)	63 l (84 l)

Drive system

Type	T-Hybrid: performance hybrid system with 3.6-litre six-cylinder boxer engine, electric exhaust turbocharger (eTurbo) and electric motor in the Porsche dual clutch transmission (PDK)
Maximum system power	398 kW (541 PS)
at engine speed	6,500 1/min
Maximum system torque	610 Nm
at engine speed	1,950 – 6,000 1/min

Combustion engine

Type	Six-cylinder boxer engine with electric exhaust turbocharger (eTurbo); gasoline particulate filter (GPF)
Number of cylinders	6
Valves per cylinder	4
Displacement	3,591 cm ³
Bore	97.0 mm
Stroke	81.0 mm
Maximum power	357 kW (485 PS)
at engine speed	6,500 1/min
Maximum torque	570 Nm
at engine speed	2,000 – 5,500 1/min
Specific output	99 kW/l (135 PS/l)
Compression ratio	10.5:1
Maximum engine speed	7,500 1/min
Cooling system	Water cooling and thermal management
Valve control	VarioCam: variable valve timing on the inlet and outlet sides; roller cam followers

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Electric motor

Type	Permanent magnet synchronous motor with internal rotor
Maximum power	40 kW
Maximum torque	150 Nm

Drive battery

Type	Liquid-cooled lithium-ion battery with battery management system
Energy capacity	1.9 kWh
Nominal voltage	400 V

Power transmission

Drive system	Rear-wheel drive; Porsche Torque Vectoring Plus (PTV Plus): electronically controlled rear differential lock with fully variable torque distribution
Gearbox	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 gear ratio	3.02

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Chassis

Suspension and damping	PASM sports suspension (- 10 mm): adjustable sports suspension, lowered by 10 mm, with independent springs (including helper springs on the rear axle), dampers and anti-roll bars
Front axle	MacPherson strut with wheels independently suspended on wishbones, trailing arms and spring struts; anti-roll bar
Rear axle	Lightweight multi-link axle with wheels guided independently on five arms, anti-roll bar
Steering	Electromechanical power steering with variable steering ratio and steering impulse; rear-axle steering
Steering ratio	14.1:1 (on-centre)
Turning circle diameter	10.9 m
Vehicle stability system	Porsche Stability Management (PSM) including anti-lock braking system (ABS) with extended braking functions

Brakes

Brake system	Hydraulic dual-circuit brake system split by axle; electric brake booster; electromechanical parking brake; auto hold function; multi-collision brake
Front brakes	Six-piston aluminium monobloc fixed-calliper brakes; grey cast-iron discs, internally vented and cross-drilled
Diameter	408 mm
Thickness	36 mm
Rear brakes	Four-piston aluminium monobloc fixed-calliper brakes; grey cast-iron discs, internally vented and cross-drilled
Diameter	380 mm
Thickness	30 mm

Wheels and tyres

Front wheels and tyres	8.5 J x 20 ET 50 with 245/35 ZR 20 tyres
Rear wheels and tyres	11.5 J x 21 ET 79 with 315/30 ZR 21 tyres

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Dimensions

Length	4,553 mm
Width (including exterior mirrors)	1,852 mm (2,033 mm)
Height	1,296 mm
Wheelbase	2,450 mm
Front track width	1,602 mm
Rear track width	1,555 mm

Luggage compartment volume and weights

Luggage compartment volume	135 l / 373 l
Unladen weight (DIN)	1,595 kg
Permissible gross weight	1,945 kg
Permissible roof load (with Porsche roof transport system)	75 kg

Performance

Top speed	312 km/h
Acceleration	
0 – 60 mph	2.9 s
0 – 100 km/h	3.0 s
0 – 160 km/h	6.8 s
0 – 200 km/h	10.5 s

Aerodynamics

Drag coefficient (c_d)	0.27
Frontal area A	2.07 m ²
$c_d \times A$	0.559 m ²