

Technical data**911 GT3 RS****Engine**

Type	Six-cylinder naturally aspirated flat engine
Number of cylinders	6
Valves/cylinders	4
Displacement	3,996 cm ³
Bore	102.0 mm
Stroke	81.5 mm
Maximum power output	383 kW (520 hp)
at rpm	8,250 rpm
Maximum torque	470 Nm
at rpm	6,000 rpm
Maximum power output per litre	96 kW/l (130 PS/l)
Compression ratio	13.3:1
Maximum engine speed	9,000 rpm
Cooling system	Water cooling with mechanical thermostat
Valve control	VarioCam camshaft control for intake and exhaust valves, DLC-coated rocker arm, fixed valve train, valve compensation with shims

The technical data may vary from country to country

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Power transmission

Powertrain	Rear-wheel drive
Transmission	Seven-speed Porsche Doppelkupplung (PDK); Porsche Torque Vectoring Plus (PTV+) including controlled rear differential lock
Transmission ratio	
1st gear	3.75
2nd gear	2.38
3rd gear	1.72
4th gear	1.34
5th gear	1.11
6th gear	0.96
7th gear	0.84
Reverse gear	3.42
Overall transmission ratio RA	4.19

Chassis

Front axle	Lightweight spring strut axle (McPherson type), all suspension mountings ball-jointed
Rear axle	Lightweight multi-link suspension with wheels independently suspended on five links, all suspension mountings ball-jointed
Suspension and damping	Adjustable sports suspension with lightweight springs (including helper springs); Porsche Active Suspension Management (PASM) variable damping system with sports tuning and lowering
Steering	Electromechanical power steering with variable steering ratio; rear-axle steering with sports tuning
Steering ratio	17.15:1 (central position) to 13.12:1
Steering wheel diameter	360 mm
Turning circle diameter	11.1 m
Vehicle stability system	Porsche Stability Management (PSM) including ABS, with two switchable stages ("ESC off" and "ESC+TC off")

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Brakes

Brake system	Dual circuit brake system with axle distribution; vacuum brake booster, brake assistant; electric duo-servo parking brake
Brakes, front axle	Six-piston aluminium monobloc fixed-calliper brakes; cross-drilled and internally vented grey cast iron composite brake discs with aluminium brake chambers
Diameter	380 mm
Thickness	34 mm
Brakes, rear axle	Four-piston aluminium monobloc fixed-calliper brakes; cross-drilled and internally vented grey cast iron composite brake discs with aluminium brake chambers
Diameter	380 mm
Thickness	30 mm

Wheels and tyres

Wheels with tyres, front	9.5 J x 20 ET 50 with 265/35 ZR 20 sports tyres
Wheels with tyres, rear	12.5 J x 21 ET 48 with 325/30 ZR 21 sports tyres

Dimensions

Length	4,557 mm
Width (with exterior mirrors)	1,880 mm (1,978 mm)
Height	1,297 mm
Wheelbase	2,453 mm
Track width, front	1,588 mm
Track width, rear	1,557 mm

Luggage compartment volume and weights

Luggage compartment volume	125 l
Unladen weight (DIN)	1,430 kg
Gross vehicle weight rating	1,793 kg
Weight-to-power ratio	3.7 kg/kW (2.75 kg/hp)

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Performance

Top speed	312 km/h
Acceleration	
0 – 60 mph	3.0 seconds
0 – 100 km/h	3.2 s
0 – 160 km/h	6.9 s
0 – 200 km/h	10.6 s

Fuel and emissions

Emission standard	EURO 6
Fuel type	Super Plus (98 RON)
Fuel consumption	
Urban	19.2 l/100 km
Extra urban	9.0 l/100 km
Combined	12.8 l/100 km
CO₂ emissions	
Combined	291 g/km
Efficiency class Germany	G
Tank capacity	64 l (90 l optional)

Aerodynamics

Drag coefficient c_d	0.36
Frontal area A	2.14 m ²
$c_d \times A$	0.77