

Specifications Porsche 911 Carrera 4S Coupé*

Body:	Two-plus-two seat Coupé; lightweight body in intelligent aluminium-steel construction with wings, doors, boot and bonnet lids made of aluminium; two-stage driver and front passenger airbags; side and head airbags for driver and front passenger.
Aerodynamics:	Drag coefficient C_d : 0.30 Frontal area A: 2.04 m ² $C_d \times A$: 0.61
Engine:	Water-cooled flat-six engine; aluminium engine block and cylinder heads; four overhead camshafts, four valves per cylinder, variable inlet valve timing and lift (VarioCam Plus); hydraulic valve lifter; direct petrol injection; one three-way catalytic converter per cylinder bank, each with two oxygen sensors; engine oil 10.1 litres; electronic ignition with solid-state ignition distribution (six active ignition modules); thermal management for coolant circulation; auto start/stop function.
Bore:	102 mm
Stroke:	77.5 mm
Displacement:	3,800 cm ³
Compression ratio:	12.5:1
Engine power:	294 kW (400 hp) at 7,400/min
Max. torque:	440 Nm at 5,600/min
Power output per litre:	77.4 kW/l (105.3 hp/l)
Maximum revs:	7,800/min
Fuel type:	Super Plus
Electrical system:	12 Volt; alternator 2,100 W; battery 70 Ah, 450 A; electrical system recuperation.

* Specifications may vary according to markets

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Power transmission: Engine and transmission bolted into combined drive unit; active all-wheel drive with electronically controlled, map-controlled multi-plate clutch (PTM); seven-speed manual transmission with mechanically locking rear differential and Porsche Torque Vectoring (PTV); optional seven-speed Doppelkupplungsgetriebe (PDK) with controlled rear locking differential and PTV Plus.

Gear ratios	Manual transmission	PDK transmission
1 st gear	3.91	3.91
2 nd gear	2.29	2.29
3 rd gear	1.55	1.65
4 th gear	1.30	1.30
5 th gear	1.08	1.08
6 th gear	0.88	0.88
7 th gear	0.71	0.62
Reverse	3.55	3.55
Final drive ratio, rr. axle	3.44	3.44
Final drive ratio, fr. axle	3.33	3.33
Clutch diameter	240 mm	202 mm/153 mm

Suspension: Front axle: strut suspension (MacPherson type, Porsche optimised) with wheels independently suspended by transverse links, longitudinal links and struts; cylindrical coil springs with internal dampers; electromechanical power steering.

Rear axle: multi-link suspension with wheels independently suspended on five links; cylindrical coil springs with coaxial internal dampers.

Porsche Active Suspension Management (PASM) with electronically controlled dampers; two manually selectable maps.

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Brake system: Dual-circuit brake system with separate circuits for front and rear axles; Porsche Stability Management (PSM); vacuum brake booster; brake assist; electric duo-servo parking brake; auto-hold function.

Brakes: Front axle: six-piston alum. monobloc brake callipers, perforated and internally ventilated brake discs with 340 mm diameter and 34 mm thickness.

Rear axle: four-piston alum. monobloc brake callipers, perforated and internally ventilated brake discs with 330 mm diameter and 28 mm thickness.

Wheels and tyres:	Front	8.5 J x 20	with	245/35 ZR 20
	Rear	11 J x 20	with	305/30 ZR 20

Weights:	Kerb weight (DIN)	1,445 (1,465) kg
	Permissible gross weight	1,875 (1.895) kg

Dimensions:	Length	4,491 mm
	Width	1,852 mm
	Height	1,296 mm
	Wheelbase	2,450 mm

Track widths	front	1,538 mm
	rear	1,552 mm

Luggage comp. capacity	front	125 litre
	rear	260 litre

Fuel tank capacity	68 litre
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Performance:	Top speed	299 (297) km/h
	Acceleration:	
	0 – 100 km/h	4.5 (4.3) s
	(with Sport Plus and PDK*	4.1 s)
	0 – 200 km/h	14.9 (14.4) s
	(with Sport Plus and PDK*	14.1 s)
Consumption (NEDC):	Urban	14.2 (12.7) litre/100 km
	Extra-urban	7.5 (7.0) litre/100 km
	Combined	9.9 (9.1) litre/100 km
CO₂ emissions:		234 (215) g/km
Emissions class:		Euro 5

Values in brackets refer to vehicles with PDK transmission

* In conjunction with the optional Sport Chrono package