

Specifications Porsche 911 Carrera 4S Cabriolet*

Body:	Two-plus-two seat Cabriolet; 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 : 0.31 Frontal area A: 2.05 m ² $C_d \times A$: 0.64
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; optional seven-speed Doppelkupplungsgetriebe (PDK); Porsche Torque Vectoring (PTV) including mechanically locking rear differential; in conjunction with PDK, PTV Plus including controlled rear differential lock.

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 damping programmes.

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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)	1,515 (1,535) kg
	Permissible gross weight	1,935 (1,955) kg

Dimensions:	Length	4,491 mm
	Width	1,852 mm
	Height	1,294 mm
	Wheelbase	2,450 mm

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

Luggage comp. capacity	front	125 l
	rear	160 l

Fuel tank capacity	68 l
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Performance:	Top speed	296 (294) km/h
	Acceleration:	
	0 – 100 km/h	4.7 (4.5) s
	(with Sport Plus and PDK*	4.3 s)
	0 – 200 km/h	15.8 (15.3) s
	(with Sport Plus and PDK*	15.0 s)
Consumption (NEDC):	Urban	14.4 (12.9) l/100 km
	Extra-urban	7.6 (7.1) l/100 km
	Combined	10.0 (9.2) l/100 km
CO₂ emissions:		236 (217) g/km
Emissions class:		Euro 5

Values in brackets refer to vehicles with PDK transmission

* In conjunction with the optional Sport Chrono package