

Specifications of the Porsche Boxster S*

Body:	Two-seater roadster; lightweight aluminium-steel body; doors as well as front and rear luggage compartment lids made of aluminium; all-electric three-segment fabric hood; two-stage driver and passenger airbags; side and head airbags for driver and front passenger; aluminium-steel roll-over protection bar.
Aerodynamics:	Drag coefficient c_d : 0.31 Frontal area A: 1.98 m ² $c_d \times A$: 0.614
Engine:	Water-cooled flat-six engine; aluminium engine block and cylinder heads; four overhead camshafts, four valves per cylinder; variable valve timing and valve lift (VarioCam Plus) on the inlet side; hydraulic valve play compensation; direct petrol injection; a three-way catalytic converter with two oxygen sensors per cylinder bank; 10.1 litres engine oil; electronic ignition system with static ignition current distribution (six active ignition modules); thermal management for engine and transmission cooling circuit; auto start/stop function.
Bore:	97.0 mm
Stroke:	77.5 mm
Displacement:	3,436 cm ³
Compression Ratio:	12.5:1
Engine Power:	232 kW (315 hp) at 6,700 rpm
Max. Torque:	360 Nm at 4,500 rpm – 5,800 rpm
Power Output per Litre:	67.5 kW/l (91.8 hp/l)
Maximum Revs:	7,800 rpm
Fuel Type:	Premium Plus
Electrical System:	12-volt; three-phase generator 2,100 W; battery capacity 70 Ah, 450 A; vehicle electrical system recuperation.

* Specifications may vary according to markets

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Power transmission: Engine and transmission bolted together to form a single drive unit; rear wheel drive; six-speed manual transmission; seven-speed Doppelkupplungsgetriebe (PDK) as an option.

Gear ratios:	Manual transmission	PDK transmission
1 st gear	3.31	3.91
2 nd gear	1.95	2.29
3 rd gear	1.41	1.65
4 th gear	1.13	1.30
5 th gear	0.95	1.08
6 th gear	0.81	0.88
7 th gear	–	0.62
Reverse	3.00	3.55
Final drive ratio	3.89	3.25
Clutch diameter	240 mm	202 mm/153 mm

Suspension: Front axle: McPherson axle (optimised to Porsche requirements) with wheel-guiding strut and wheels independently mounted on transverse and longitudinal control arms; twin-tube gas-pressure dampers; anti-roll bar; electro-mechanical power steering.

Rear axle: wheels independently guided on transverse control arms with longitudinal control arms, tie rods and suspension struts (McPherson type, optimised to Porsche requirements); with coaxial vibration dampers mounted inside cylindrical coil springs; anti-roll bar.

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.

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Brakes:	Front axle: four-piston aluminium monobloc brake callipers, perforated and vented brake discs with a diameter of 330 mm and a thickness of 28 mm.			
	Rear axle: four-piston aluminium monobloc brake callipers, perforated and vented brake discs with a diameter of 299 mm and a thickness of 20 mm.			
Wheels and Tyres:	Front	8 J x 19	on	235/40 ZR 19
	Rear	9.5 J x 19	on	265/40 ZR 19
Weights:	Kerb weight, DIN			1,320 (1,350) kg
	Permissible gross weight			1,655 (1,685) kg
Dimensions:	Length			4,374 mm
	Width			1,801 mm
	Height			1,281 mm
	Wheelbase			2,475 mm
	Track widths		Front	1,526 mm
			Rear	1,540 mm
	Luggage compartment capacity	Front	150 l	
		Rear	130 l	
	Fuel tank capacity			64 l

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Performance:	Top speed	279 (277) km/h
	Acceleration:	
	0 – 100 km/h	5.1 (5.0) s
	(with Sport Plus and PDK*	4.8 s)
Consumption (NEDC):	0 – 200 km/h	17.6 (17.5) s
	(with Sport Plus and PDK*	17.3 s)
	Urban	12.2 (11.2) l/100 km
	Extra-urban	6.9 (6.2) l/100 km
CO₂ Emissions:	Combined	8.8 (8.0) l/100 km
		206 (188) g/km
	Emission Category:	Euro 5

Values in brackets refer to vehicles with PDK transmission.

* Together with the optional Sport Chrono Package