

Specifications Porsche Panamera S*

Body: Unitary construction, lightweight body in mixed material steel-aluminium-magnesium design; dual-stage driver and front passenger airbags; side and knee airbags for driver and front passenger; head airbags (curtain airbags) for all four occupants; active front lid for pedestrian protection; four seats.

Aerodynamics:

Drag coefficient c_d :	0.30
Frontal area A:	2.33 m ²
$c_d \times A$:	0.70

Engine: Water-cooled six-cylinder V engine; cylinder angle 90 degrees; aluminium crankcase and cylinder heads; four overhead camshafts; four valves per cylinder; variable inlet and outlet valve timing; inlet valve lift (VarioCam Plus); hydraulic valve lifter; bi-turbo charging; direct petrol injection; two three-way catalytic converters per cylinder bank, each with two oxygen sensors; engine oil 10.0 litres; electronic ignition with solid-state ignition distribution (six individual ignition coils); thermal management; auto start-stop function.

Bore:	96.0 mm
Stroke:	69.0 mm
Displacement:	2,997 cm ³
Compression ratio:	9.8:1
Engine power:	420 hp (309 kW) at 6,000 rpm
Max. torque:	520 Nm from 1,750 rpm to 5,000 rpm
Power output per litre:	140.2 hp/l (103.1 kW/l)
Maximum engine speed:	6,700/min
Fuel type:	Super Plus

*Specifications may vary according to markets

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Power transmission: Engine and transmission bolted to form one drive unit, rear wheel drive via double-joint driveshafts; seven-speed Doppelkupplung (PDK).

Gear ratios:

1 st gear	5.97
2 nd gear	3.31
3 rd gear	2.01
4 th gear	1.37
5 th gear	1.00
6 th gear	0.81
7 th gear	0.59
Reverse	4.57
Final drive ratio:	3.55
Clutch diameter:	153 mm / 202 mm

Suspension: Front axle: aluminium double wishbone suspension; cylindrical coil springs with internal, hydraulic coaxial gas pressurised dampers.

Rear axle: aluminium multi-link suspension with suspension sub-frame; wheels independently suspended on four links; cylindrical coil springs; hydraulic coaxial gas pressurised dampers.

Variable adjustment of damper forces (Porsche Active Suspension Management, PASM).

Brakes: Dual-circuit brake system with separate circuits for front and rear axles.

Front: six-piston alum. monobloc brake callipers; internally ventilated brake discs with 360 mm diameter and 36 mm thickness.

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

Porsche Stability Management (PSM); vacuum brake booster; brake assist; electric parking brake.

Wheels and tyres:	front	8 J x 18	with	245/50 ZR 18
	rear	9 J x 18	with	275/45 ZR 18

Weights:	Unladen weight DIN	1,810 kg
	Allowable gross weight	2,415 kg
	Maximum roof load	75 kg

Dimensions:	Length	5,015 mm
	Width	1,931 mm
	Width with door mirrors	2,114 mm
	Height	1,418 mm
	Wheelbase	2,920 mm

Track widths	front	1,658 mm
	rear	1,662 mm

Luggage comp. capacity	445-1,263 l
Fuel tank capacity:	80 l

Performance:	Top speed	287 km/h
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Acceleration:	
0 – 100 km/h	5.1 s

0 – 160 km/h	11.0 s
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0 – 200 km/h	17.3 s
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0 – 1,000 m/h	23.7 s
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Consumption (NEDC):	Urban	11.9 l/100 km
	Extra-urban	6.9 l/100 km
	Combined	8.7 l/100 km
CO₂ emissions:	Urban	277 g/km
	Extra-urban	162 g/km
	Combined	204 g/km
Emissions class:		Euro 5