

Specifications Porsche Cayenne S*

Body:	Unitary, fully-galvanised lightweight all-steel bodyshell; driver and front passenger airbags operating in two stages; thorax side airbags for driver and front passenger; curtain airbags extending across the roof frame and the side windows from the A to C pillar; five seats.
Aerodynamics:	Drag coefficient $C_d = 0.36$ Frontal surface $A = 2.8 \text{ m}^2$ $C_d \times A = 1.008$
Power Unit:	Eight-cylinder V-engine; engine block and cylinder heads made of aluminium; four overhead camshafts; four valves per cylinder; infinite adjustment of intake camshafts and valve stroke (VarioCam Plus); hydraulic valve play compensation; oscillating tube charge effect and two-stage adjustment of intake manifold length; direct gasoline injection; integrated dry sump lubrication; engine oil capacity 10.55 litres; two three-way catalytic converters, each with two oxygen sensors for each row of cylinders; electronic ignition with eight individual coils; thermal management of engine and transmission cooling circuits; variable overrun cut-off; Auto Start Stop.
Bore:	96.0 mm (3.78")
Stroke:	83.0 mm (3.26")
Capacity:	4806 cc
Compression Ratio:	12.5:1
Max Output:	294 kW/400 bhp at 6500 rpm
Max Torque:	500 Nm/369 lb-ft at 3500 rpm – 5.300 rpm
Output-per-Litre:	61.2 kW/83.2 bhp
Max Engine Speed:	6700 rpm
Fuel Grade:	Premium Plus
Electrical System:	12 V; 2660 W three-phase alternator; 92 Ah/520 A battery; recuperation of on-board network

* Specifications may vary according to markets

Specifications • Porsche Cayenne S

Power Transmission: Engine and transmission bolted together to form one drive unit; active all-wheel drive with electronically controlled, map-based multiple-plate clutch; eight-speed Tiptronic S.

Gear ratios:

1 st	4.97
2 nd	2.84
3 rd	1.86
4 th	1.44
5 th	1.21
6 th	1.00
7 th	0.83
8 th	0.69
Reverse	4.07
Final drive:	3.09
Converter diameter:	272 mm/10.7"

Chassis and Suspension: Front axle: Aluminium double track control arm axle; spring struts with steel springs and inner-mounted, hydraulic twin-sleeve gas pressure dampers.

Rear axle: Multi-arm axle with track control arm at the bottom, two individual arms at the top and tie-rod; spring struts with steel springs and inner-mounted, hydraulic twin-sleeve gas pressure dampers.

Brakes:

Twin-circuit brake system with front-to-rear axle split.

Front: six-piston aluminium monobloc brake callipers; inner-vented brake discs 360 mm/14.15" in diameter and 36 mm/1.42" thick.

Rear: four-piston aluminium monobloc brake callipers, inner-vented brake discs 330 mm/13.00" in diameter and 28 mm/1.10" thick.

Specifications • Porsche Cayenne S

Porsche Stability Management (PSM); vacuum brake servo;
Brake Assistant; electrical parking brake.

Wheels and Tyres: Front and rear 8.0 J x 18 on 255/55 R 18 109Y XL

Weight:

Unladen, DIN	2065 kg (4553 lb)
Max permissible	2840 kg (6262 lb)
Max trailer load	3500 kg (7718 lb)
Max roofload	100 kg (220 lb)

Dimensions:

Length	4846 mm (190.8")
Width	1939 mm (76.3")
Height	1705 mm (67.1")
Wheelbase	2895 mm (114.0")

Track	front	1655 mm (65.2")
	rear	1669 mm (65.7")

Luggage compartment	670 – 1780 litres
Tank capacity	85 litres (18.6 imp gals)

Performance: Top speed 258 km/h (160 mph)

Acceleration:	
0 – 100 km/h	5.9 sec

0 – 160 km/h	13.9 sec
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Standing-start km	25.5 sec
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Specifications • Porsche Cayenne S

**Fuel Consumption
(NEDC):**

Urban	14.5 ltr/100 km (19.5 mpg)
Extra-urban	8.2 ltr/100 km (34.4 mpg)
Combined	10.5 ltr/100 km (26.9 mpg)

CO₂ Emissions:

Urban	340 g/km
Extra-urban	192 g/km
Combined	245 g/km

Emission Rating:

Euro 5