

Specifications Porsche Cayenne S Hybrid*

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:	Parallel full hybrid; six-cylinder V-engine; engine block and cylinder heads made of aluminium; four overhead camshafts; four valves per cylinder; infinite adjustment of intake camshafts; hydraulic valve play compensation; supercharging; direct gasoline injection; pressure circuit lubrication with wet sump; engine oil capacity 8.1 litres; one three-way catalytic converter, each with two oxygen sensors for each row of cylinders; electronic ignition with six individual coils; thermal management of engine and transmission cooling circuits; variable overrun cut-off; Auto Start Stop; hybrid module with synchronous electric motor and disengagement clutch.
Bore:	84.5 mm (3.33")
Stroke:	89.0 mm (3.50")
Capacity:	2995 cc
Compression Ratio:	10.5:1
Max Output:	245 kW/333 bhp from 5500 – 6500 rpm (V6 engine) 34 kW/47 bhp from 1150 rpm (electric motor) 279 kW/380 bhp at 5500 rpm (combined)
Max Torque:	440 Nm/324 lb-ft from 3000 – 5250 rpm (V6 engine) 300 Nm/295 lb-ft up to 1150 rpm (electric motor) 580 Nm/427 lb-ft at 1000 rpm (combined)
Output-per-Litre:	81.8 kW/111.3 bhp
Max Engine Speed:	6500 rpm
Fuel Grade:	Premium Plus
Electrical System:	On-board network: 12 V; 92 Ah/520 A battery. High-voltage system: 288 V; nickel-metal hybrid battery; 6 Ah.

* Specifications may vary according to markets

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Power Transmission: Engine and transmission bolted together to form one drive unit; permanent all-wheel drive with self-locking centre differential; basic power split front-to-rear 40:60; eight-speed Tiptronic S.

Gear ratios:

1 st	4.92
2 nd	2.81
3 rd	1.84
4 th	1.43
5 th	1.21
6 th	1.00
7 th	0.83
8 th	0.69
Reverse	4.02
Final drive:	3.27
Converter diameter:	241 mm/9.5"

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: Recuperative brake system for regeneration of brake energy; two-circuit brake configuration with front-to-rear axle split.
Front: six-piston aluminium monobloc brake callipers; inner-vented brake discs 360 mm/14.17" 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.

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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			2240 kg (4939 lb)
	Max permissible			2910 kg (6417 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			580 – 1690 litres
	Tank capacity			85 litres (18.6 imp gals)
Performance:	Top speed			242 km/h (150 mph)
	Acceleration:			
	0 – 100 km/h			6.5 sec
	0 – 160 km/h			16.5 sec
	Standing-start km			27.0 sec

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Fuel Consumption

(NEDC):

Urban 8.7 ltr /100 km (32.5 mpg)

Extra-urban 7.9 ltr/100 km (35.8 mpg)

Combined 8.2 ltr/100 km (34.4 mpg)

CO₂ Emissions:

Urban 193 g/km

Emission Rating:

Euro 5