

**Technical data****Cayenne S****Engine**

<b>Type</b>	V6 bi-turbo; with petrol particulate filter
<b>No. of cylinders</b>	6
<b>Valves/cylinder</b>	4
<b>Displacement</b>	2,894 cm <sup>3</sup>
<b>Bore</b>	84.5 mm
<b>Stroke</b>	86.0 mm
<b>Max. power output</b>	324 kW (440 hp)
at engine speed	5,700–6,600 rpm
<b>Max. torque</b>	550 Nm
at engine speed	1,800–5,500 rpm
<b>Max. output per litre</b>	112.0 kW/l (152.0 hp/l)
<b>Compression ratio</b>	10.5:1
<b>Maximum engine speed</b>	6,800 rpm
<b>Cooling system</b>	Water cooling, thermal management with control thermostat and potted water pump
<b>Valve control</b>	VarioCam Plus: Camshaft control on the inlet and outlet side, valve-lift adjustment on the inlet side

The technical data may vary from country to country. All information refers to the EU model.

## Cayenne S

### Power transmission

<b>Drive system</b>	Porsche Traction Management (PTM): active all-wheel drive with electronically variable, map-controlled multi-plate clutch for variable torque distribution between front and rear axle	
<b>Transmission</b>	Eight-speed Tiptronic S	
<b>Gear ratios</b>		
	1 <sup>st</sup> gear	5.00
	2 <sup>nd</sup> gear	3.20
	3 <sup>rd</sup> gear	2.14
	4 <sup>th</sup> gear	1.72
	5 <sup>th</sup> gear	1.31
	6 <sup>th</sup> gear	1.00
	7 <sup>th</sup> gear	0.82
	8 <sup>th</sup> gear	0.64
	Reverse gear	3.48
	Axle ratio	3.21

### Chassis

<b>Suspension and damping</b>	Steel springs with Porsche Active Suspension Management (PASM)
<b>Front axle</b>	Aluminium multi-link suspension, independent wheel suspension
<b>Rear axle</b>	Aluminium multi-link suspension, independent wheel suspension
<b>Steering</b>	Electromechanical power steering; optional rear-axle steering
<b>Steering ratio</b>	13.3:1 (centre position); with RAS 12.2:1 (centre position)
<b>Turning circle diameter</b>	12.1 m; with rear-axle steering 11.5 m
<b>Driving stability system</b>	Porsche Stability Management (PSM) including ABS with enhanced braking functions; Trailer Stability Management

## Cayenne S

### Brakes

<b>Brake system</b>	Six-piston aluminium monobloc fixed-calliper brakes at the front, four-piston aluminium monobloc fixed-calliper brakes at the rear
<b>Brake discs, front axle</b>	Grey cast iron; internally vented
Diameter	390 mm
Thickness	38 mm
<b>Brake discs, rear axle</b>	Grey cast iron; internally vented
Diameter	330 mm
Thickness	28 mm

### Wheels and tyres

<b>Wheels with tyres, front</b>	8.5 J x 19 ET 47 with 255/55 ZR 19 tyres
<b>Wheels with tyres, rear</b>	9.5 J x 19 ET 54 with 275/50 ZR 19 tyres

### Dimensions

<b>Length</b>	4,918 mm
<b>Width</b> (including exterior mirrors)	1,983 mm (2,194 mm)
<b>Height</b>	1,696 mm
<b>Wheelbase</b>	2,895 mm
<b>Track width, front</b>	1,680 mm
<b>Track width, rear</b>	1,673 mm

### Luggage compartment volumes and weights

<b>Luggage compartment volumes</b>	772 – 1,708 l
<b>Unladen weight (DIN)</b>	2,020 kg
<b>Allowable gross weight</b>	2,840 kg
<b>Allowable trailer load</b> (braked/unbraked)	3,500/750 kg
<b>Allowable hook load</b>	140 kg
<b>Allowable roof load</b> (with Porsche DTS)	100 kg

## Cayenne S

### Driving performance

<b>Top speed</b>	265 km/h
<b>Acceleration</b>	
0 – 60 mph	4.9 s
0 – 60 mph with Sport Plus	4.6 s
0 – 100 km/h	5.2 s
0 – 100 km/h with Sport Plus	4.9 s
0 – 160 km/h	11.6 s
0 – 160 km/h with Sport Plus	11.3 s
0 – 200 km/h	18.9 s
0 – 200 km/h with Sport Plus	18.6 s

### Fuel and emissions

<b>Emissions standard</b>	Euro 6d-ISC-FCM (EU6 AP)
<b>Fuel type</b>	Super Plus (98 RON)
<b>Fuel consumption</b>	
Urban	12.8 l/100 km
Extra-urban	8.0 – 7.8 l/100 km
Combined	9.8 – 9.7 l/100 km
<b>CO<sub>2</sub> emissions</b>	
Combined	223 – 220 g/km
<b>Efficiency class in Germany</b>	D
<b>Fuel tank capacity (optional)</b>	75 l (90 l)

### Aerodynamics

<b>Drag coefficient <math>c_d</math></b>	0.34
<b>Frontal area A</b>	2.83 m <sup>2</sup>
<b><math>c_d \times A</math></b>	0.962 m <sup>2</sup>