

# Cayenne S E-Hybrid

## Fuel and emissions

Fuel consumption combined (weighted) (WLTP)	1.7 – 1.4 l/100 km
Energy consumption combined (weighted) (WLTP)	31.7 – 29.1 kWh/100 km
CO <sub>2</sub> emissions combined (weighted) (WLTP)	39 – 31 g/km
Electric range (EAER) (WLTP)	71 – 78 km
Electric range in town (EAER city) (WLTP)	79 – 90 km
Emissions standard	EU6 EA
Fuel type	Super Plus (98 RON)
Fuel tank capacity	70 l

## Drive system

Type	Parallel full hybrid with plug-in technology; combustion engine and hybrid module with electric motor and electromagnetic clutch
Maximum system power	382 kW (519 PS)
at engine speed	5,000 – 6,500 1/min
Maximum system torque	750 Nm
at engine speed	1,000 – 4,750 1/min

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## Combustion engine

Type	V6 turbo; with petrol particulate filter
Number of cylinders	6
Valves per cylinder	4
Displacement	2,995 cm <sup>3</sup>
Bore	84.5 mm
Stroke	89.0 mm
Maximum power	260 kW (353 PS)
at engine speed	5,400 – 6,400 1/min
Maximum torque	500 Nm
at engine speed	1,450 – 4,500 1/min
Specific output	87 kW/l (118 PS/l)
Compression ratio	11.2:1
Maximum engine speed	6,500 1/min
Cooling system	Water cooling, thermal management with control thermostat
Valve control	VarioCam Plus: camshaft control on the inlet and outlet sides; valve lift switchover on the inlet side

## Electric motor

Type	Permanent magnet synchronous motor with external rotor
Maximum power	130 kW (176 PS)
at engine speed	3,200 1/min
Maximum torque	460 Nm
at engine speed	0 – 2,690 1/min

## Plug-in system

Drive battery	Temperature-controlled lithium-ion battery
Energy capacity	25.9 kWh
Nominal voltage	370 V
Charger	On-board charger with 11 kW
Charging time (with 9.6 kW, 0-100 %)	approx. 3 h 15 min
Charging time (with 11 kW, 0-100 %)	approx. 2 h 39 min

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## Power transmission

Drive system	Porsche Traction Management (PTM): active all-wheel drive with electronically controlled and map-controlled multi-plate clutch, variable torque distribution between front and rear axle	
Gearbox	Eight-speed Tiptronic S	
Gear ratios		
	1 <sup>th</sup> gear	4.71
	2 <sup>th</sup> gear	3.14
	3 <sup>th</sup> gear	2.11
	4 <sup>th</sup> gear	1.67
	5 <sup>th</sup> gear	1.29
	6 <sup>th</sup> gear	1.00
	7 <sup>th</sup> gear	0.84
	8 <sup>th</sup> gear	0.67
	Reverse gear	3.32
	Rear-axle gear ratio	3.21

## Chassis

Suspension and damping	Adaptive two-chamber air suspension with height adjustment; Porsche Active Suspension Management (PASM): electronically controlled damping system with two-valve dampers, continuous damper control and three manually selectable control maps	
Front axle	Independent aluminium multi-link suspension	
Rear axle	Independent aluminium multi-link suspension	
Steering	Electromechanical power steering	
Steering ratio	13.3:1 (centre position)	
Turning circle diameter	12.2 m	
Vehicle stability system	Porsche Stability Management (PSM) with ABS, ASR, ABD, MSR and Trailer Stability Management	

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## Brakes

Brake system	Hydraulic dual-circuit brake system with axle distribution; electric brake booster; electric duo-servo parking brake (EPB); auto-hold function; multi-collision brake; Porsche Hill Control (PHC)
Front brakes	Six-piston aluminium monobloc fixed-calliper brakes; grey cast-iron discs, internally vented
Diameter	410 mm
Thickness	38 mm
Rear brakes	Four-piston aluminium monobloc fixed-calliper brakes; grey cast-iron discs, internally vented
Diameter	365 mm
Thickness	28 mm

## Wheels and tyres

Front wheels and tyres	9.0 J x 20 ET 50 with 255/55 ZR 20 tyres
Rear wheels and tyres	10.5 J x 20 ET 64 with 295/45 ZR 20 tyres

## Dimensions

Length	4,930 mm
Width (including exterior mirrors)	1,983 mm (2,194 mm)
Height	1,678 mm
Wheelbase	2,895 mm
Front track width	1,680 mm
Rear track width	1,656 mm

## Luggage compartment volume and weights

Luggage compartment volume	627 – 1,563 l
Unladen weight (DIN)	2,410 kg
Permissible gross weight	3,135 kg
Permissible trailer load (braked/unbraked)	3,500 kg/750 kg
Maximum towball load	140 kg
Permissible roof load (with Porsche roof transport system)	100 kg

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## Performance

Top speed	263 km/h
Top speed with electric motor only	135 km/h
Acceleration	
0 – 60 mph	4.4 s
0 – 100 km/h	4.7 s
0 – 160 km/h	10.6 s
0 – 200 km/h	16.8 s

## Aerodynamics

Drag coefficient ( $c_d$ )	0.35
Cross-sectional area A	2.84 m <sup>2</sup>
$c_d \times A$	0.994 m <sup>2</sup>