

## Cayenne E-Hybrid

### Drive system

<b>Type</b>	Parallel full hybrid with plug-in technology, combustion engine and hybrid module with electric motor and electromagnetically actuated decoupler
<b>Maximum system output</b>	340 kW (462 hp)
at rpm	5,250 – 6,400 rpm
<b>Maximum system torque</b>	700 Nm
at rpm	1,000 – 3,750 rpm

### Combustion engine

<b>Type</b>	V6 turbo petrol engine
<b>Number of cylinders</b>	6
<b>Valves/cylinders</b>	4
<b>Displacement</b>	2,995 cm <sup>3</sup>
<b>Bore</b>	84.5 mm
<b>Stroke</b>	89.0 mm
<b>Maximum output</b>	250 kW (340 hp)
at rpm	5,300 – 6,400 rpm
<b>Maximum torque</b>	450 Nm
at rpm	1,340 – 5,300 rpm
<b>Maximum output per litre</b>	83.5 kW/l (113.5 PS/l)
<b>Compression ratio</b>	11.2:1
<b>Maximum engine speed</b>	6,500 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

### Electric motor

<b>Type</b>	Permanently excited synchronous machine with external rotor
<b>Maximum output</b>	100 kW (136 hp)
at rpm	2,500 – 3,000 rpm
<b>Maximum torque</b>	400 Nm
at rpm	100 – 2,300 rpm

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

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### Plug-in system

<b>Traction battery</b>	Lithium-ion battery with temperature control
<b>Energy content</b>	17.9 kWh
<b>Rated voltage</b>	374 V
<b>Charger</b>	On-board charger delivering 3.6 kW (7.2 kW as an option)

### Power transmission

<b>Powertrain</b>	Porsche Traction Management (PTM): Active all-wheel drive with electronically variable, map-controlled multi-plate clutch, variable torque distribution between front and rear axle; selectable centre-differential lock
<b>Transmission</b>	Eight-speed Tiptronic S

### Transmission ratio

1 <sup>st</sup> gear	4.71
2 <sup>nd</sup> gear	3.14
3 <sup>rd</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

<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 rear-axle steering 12.2:1 (centre position)
<b>Steering wheel diameter</b>	375 mm
<b>Turning circle diameter</b>	12.1 m; with rear-axle steering 11.5 m
<b>Vehicle stability system</b>	Porsche Stability Management (PSM) with ABS, ASR, ABD, MSR and Trailer Stability Management

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### Brakes

<b>Brake system</b>	Hydraulic dual-circuit brake system with axle distribution; hybrid brake system with electromechanical brake booster; electric duo-servo parking brake (EPB); auto hold function; multi-collision brake; Porsche Hill Control (PHC)
<b>Brakes, front axle</b>	Six-piston aluminium monobloc fixed-calliper brakes; grey cast-iron brake discs, internally vented
Diameter	360 mm
Thickness	36 mm
<b>Brakes, rear axle</b>	Four-piston aluminium monobloc fixed-calliper brakes; grey cast-iron brake discs, internally vented
Diameter	358 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 XL tyres
<b>Wheels with tyres, rear</b>	9.5 J x 19 ET 54 with 275/50 ZR 19 XL tyres

### Dimensions

<b>Length</b>	4,918 mm
<b>Width</b> (with 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 volume and weights

<b>Luggage compartment volume</b>	645 – 1,607 l
<b>Unladen weight</b> (DIN)	2,295 kg
<b>Gross vehicle weight rating</b>	3,030 kg
<b>Allowable trailer load</b> (braked/unbraked)	3,500 kg/750 kg
<b>Allowable hook load</b>	140 kg
<b>Allowable roof load</b> (with Porsche DTS)	100 kg

## Technical data

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### Cayenne E-Hybrid

#### Performance

<b>Top speed</b>	253 km/h
<b>Top speed (electric)</b>	135 km/h
<b>Acceleration</b>	
0 – 60 mph	4.7 s
0 – 100 km/h	5.0 s
0 – 160 km/h	11.5 s
0 – 200 km/h	19.1 s

#### Fuel and emissions

<b>Emission standard</b>	Euro 6d-ISC-FCM (EU6 AP)
<b>Fuel type</b>	Super (95 RON)
<b>Fuel consumption combined</b>	2.5 – 2.4 l/100 km
<b>CO<sub>2</sub> emissions</b>	58 – 56 g/km
<b>Energy consumption</b>	22.0 – 21.6 kWh/100 km
<b>Efficiency class Germany</b>	A+
<b>Tank capacity</b>	75 l
<b>Electric range</b> (WLTP EAER City)	44 – 48 km
<b>Electric range (NEFZ)</b>	55 – 56 km

#### Aerodynamics

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