

# Cayenne E-Hybrid Coupé

## Fuel and emissions

Fuel type	Super Plus (98 RON)
Fuel consumption combined (weighted) (WLTP)	1.8 – 1.5 l/100 km
Power consumption combined (weighted) (WLTP)	30.8 – 28.6 kWh/100 km
CO <sub>2</sub> emissions combined (weighted) (WLTP)	42 – 33 g/km
Electric range (EAER) (WLTP)	66 – 74 km
Electric range Urban (EAER city) (WLTP)	78 – 90 km
Emissions standard	EU6 EA
Fuel tank capacity	75 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	346 kW (470 PS)
at engine speed	5,250 – 6,250 1/min
Maximum system torque	650 Nm
at engine speed	1,000 – 5,000 1/min

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## Combustion engine

Type	V6 turbo petrol engine
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	224 kW (304 PS)
at engine speed	5,400 – 6,400 1/min
Maximum torque	420 Nm
at engine speed	1,400 – 4,800 1/min
Specific output	75 kW/l (102 PS/l)
Compression ratio	11.2:1
Maximum engine speed	6,500 1/min
Cooling system	Water cooling, thermal management with control thermostat and encased water pump
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

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## Plug-in system

Traction battery	Lithium-ion battery with temperature control
Energy capacity	25.9 kWh
Nominal voltage	370 V
Charger	On-board charger with 11 kW
Charging duration (with 9.6 kW, 0 – 100%)	approx. 3 h 15 min
Charging duration (with 11 kW, 0 – 100%)	approx. 2 h 39 min

## 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>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

Suspension and damping	Steel suspension including Porsche Active Suspension Management (PASM)
Front axle	Aluminium multi-link axle, independent suspension
Rear axle	Aluminium multi-link axle, independent suspension
Steering	Electromechanical Power Steering Plus
Steering ratio	13.3:1 (centre position)
Turning circle diameter	12.1 m
Vehicle stability system	Porsche Stability Management (PSM) incl. ABS, ASR, ABD, EDC and Trailer Stability Management

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## Brakes

Brake system	Hydraulic dual-circuit braking 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	390 mm
	Thickness	38 mm
Rear brakes	Four-piston aluminium monobloc fixed-calliper brakes; grey cast-iron discs, internally vented	
	Diameter	358 mm
	Thickness	28 mm

## Wheels and tyres

Front wheels and tyres	9 J x 20 ET 50 with 255/55 ZR 20 tyres	
Rear wheels and tyres	10.5 J x 20 ET 55 with 295/45 ZR 20 tyres	

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## Dimensions

Length	4,930 mm
Width (including exterior mirrors)	1,983 mm (2,194 mm)
Height	1,674 mm
Wheelbase	2,895 mm
Front track width	1,676 mm
Rear track width	1,671 mm

## Luggage compartment volume and weights

Luggage compartment volume	434 – 1,344 l
Unladen weight (DIN)	2,455 kg
Permissible gross weight	3,110 kg
Permissible trailer load (braked/unbraked)	3,500 kg/750 kg
Maximum towball load	140 kg
Permissible roof load (with Porsche roof transport system)	75 kg

## Performance

Top speed	254 km/h
Top speed with electric motor	135 km/h
Acceleration	
0 – 60 mph	4.6 s
0 – 100 km/h	4.9 s
0 – 160 km/h	11.3 s
0 – 200 km/h	18.2 s

## Aerodynamics

Drag coefficient ( $c_d$ )	0.34
Cross-sectional area A	2.83 m <sup>2</sup>
$c_d \times A$	0.962 m <sup>2</sup>