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_2 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

1 All data refers to the EU model (Germany). The technical data may vary depending on the country.

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Combustion engine

Type	V6 turbo petrol engine
Number of cylinders	6
Valves per cylinder	4
Displacement	2,995 cm^3
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. 2 h 30 min
Charging duration (with 11 kW, 0 – 100%)	approx. 2 h 15 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	
1st gear	4.71
2nd gear	3.14
3rd gear	2.11
4th gear	1.67
5th gear	1.29
6th gear	1.00
7th gear	0.84
8th 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^2
c_d x A	0.962 m^2

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