

Technical data

Cayenne E-Hybrid

Drive system

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

Combustion engine

Type	V6 turbo petrol engine
Number of cylinders	6
Valves/cylinders	4
Displacement	2,995 cm ³
Bore	84.5 mm
Stroke	89.0 mm
Maximum output	250 kW (340 hp)
at rpm	5,300 – 6,400 rpm
Maximum torque	450 Nm
at rpm	1,340 – 5,300 rpm
Maximum output per litre	83.5 kW/l (113.5 PS/l)
Compression ratio	11.2:1
Maximum engine speed	6,500 rpm
Cooling system	Water cooling, thermal management with control thermostat and potted water pump
Valve control	VarioCam Plus: Camshaft control on the inlet and outlet side, valve-lift adjustment on the inlet side

Electric motor

Type	Permanently excited synchronous machine with external rotor
Maximum output	100 kW (136 hp)
at rpm	2,800 rpm
Maximum torque	400 Nm
at rpm	100 – 2,400 rpm

The technical data may vary from country to country

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Plug-in system

Traction battery	Lithium-ion battery with temperature control
Energy content	14.1 kWh
Rated voltage	382 V
Charger	On-board charger delivering 3.6 kW (7.2 kW as an option)
Charging time (EU, 230/400 V, 32 A)	4.0 hours with a 3.6-kW charger/2.33 hours with a 7.2-kW charger
Charging time (EU, 230 V, 10 A)	7.75 hours with a 3.6-kW charger/7.75 hours with a 7.2-kW charger

Power transmission

Powertrain	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
Transmission	Eight-speed Tiptronic S

Transmission ratio

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 springs with Porsche Active Suspension Management (PASM)
Front axle	Aluminium multi-link suspension, independent wheel suspension
Rear axle	Aluminium multi-link suspension, independent wheel suspension
Steering	Electromechanical power steering; optional rear-axle steering
Steering ratio	13.3:1 (centre position); with rear-axle steering 12.2:1 (centre position)
Steering wheel diameter	375 mm
Turning circle diameter	12.1 m; with rear-axle steering 11.5 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; hybrid brake system with electromechanical brake booster; electric duo-servo parking brake (EPB); auto hold function; multi-collision brake; Porsche Hill Control (PHC)
Brakes, front axle	Six-piston aluminium monobloc fixed-calliper brakes; grey cast-iron brake discs, internally vented
Diameter	360 mm
Thickness	36 mm
Brakes, rear axle	Four-piston aluminium monobloc fixed-calliper brakes; grey cast-iron brake discs, internally vented
Diameter	358 mm
Thickness	28 mm

Wheels and tyres

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

Dimensions

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

Luggage compartment volume and weights

Luggage compartment volume	645 – 1,610 l
Unladen weight (DIN)	2,295 kg
Gross vehicle weight rating	3,030 kg
Allowable trailer load (braked/unbraked)	3,500 kg/750 kg
Allowable hook load	140 kg
Allowable roof load (with Porsche DTS)	100 kg

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Performance

Top speed	253 km/h
Acceleration	
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
Top speed (electric)	135 km/h
Acceleration (electric)	
0 – 60 km/h	6.3 s

Fuel and emissions

Fuel type	Super (95 RON)
Fuel consumption combined	3.4 – 3.2 l/100 km
CO₂ emissions	78 – 72 g/km
Energy consumption	20.9 – 20.6 kWh/100 km
Emission standard	Euro 6
Efficiency class Germany	A+
Tank capacity	75 l
Electric range	23 – 44* km

Aerodynamics

Drag coefficient c_d	0.34
Frontal area A	2.83 m ²
$c_d \times A$	0.962

* The spread of the maximum electric range depending on the set of tyres in use is between 42 km and 44 km