

Cayenne S E-Hybrid Coupé

Fuel and emissions

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|--|------------------------|
| Fuel consumption combined (weighted) (WLTP) | 1.7 – 1.4 l/100 km |
| Energy consumption combined (weighted) (WLTP) | 31.6 – 29.2 kWh/100 km |
| CO ₂ emissions combined (weighted) (WLTP) | 39 – 31 g/km |
| Electric range (EAER) (WLTP) | 71 – 78 km |
| Electric range in town (EAER city) (WLTP) | 80 – 89 km |
| Emissions standard | EU6 EA |
| Fuel type | Super Plus (98 RON) |
| Fuel tank capacity | 70 l |

Drive system

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|-----------------------|--|
| 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 ³ |
| 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

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|-----------------|--|
| 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

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|---|--|
| 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

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|--------------|--|------|
| 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 th gear | 4.71 |
| | 2 th gear | 3.14 |
| | 3 th gear | 2.11 |
| | 4 th gear | 1.67 |
| | 5 th gear | 1.29 |
| | 6 th gear | 1.00 |
| | 7 th gear | 0.84 |
| | 8 th gear | 0.67 |
| | Reverse gear | 3.32 |
| | Rear-axle gear ratio | 3.21 |

Chassis

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|--------------------------|--|--|
| 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 Plus | |
| 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

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|--------------|---|
| 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

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|------------------------|---|
| 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 55 with 295/45 ZR 20 tyres |

Dimensions

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|------------------------------------|---------------------|
| Length | 4,930 mm |
| Width (including exterior mirrors) | 1,983 mm (2,194 mm) |
| Height | 1,657 mm |
| Wheelbase | 2,895 mm |
| Front track width | 1,680 mm |
| Rear track width | 1,674 mm |

Luggage compartment volume and weights

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|--|-----------------|
| Luggage compartment volume | 434 – 1,344 l |
| Unladen weight (DIN) | 2,440 kg |
| Permissible gross weight | 3,120 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 |

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Performance

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|------------------------------------|----------|
| 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

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|----------------------------|----------------------|
| Drag coefficient (c_d) | 0.34 |
| Cross-sectional area A | 2.83 m ² |
| $c_d \times A$ | 0.962 m ² |