

Specifications Porsche Panamera S E-Hybrid*

Body:	Unitary construction, lightweight body in mixed material steel-aluminium-magnesium design; dual-stage driver and front passenger airbags; side and knee airbags for driver and front passenger; head airbags (curtain airbags) for all four occupants; active front lid for pedestrian protection; four seats.
Aerodynamics:	Drag coefficient c_d : 0.29 Frontal area A: 2.33 m ² $c_d \times A$: 0.68
Drive system:	Parallel full hybrid with plug-in technology, internal combustion engine and hybrid module with electric motor and decoupling clutch. System power: 416 hp (306 kW) at 5,500 rpm Max. torque: 590 Nm from 1,250 rpm to 4,000 rpm
IC engine:	Water-cooled six-cylinder V engine; aluminium crankcase and cylinder heads; four overhead camshafts; four valves per cylinder; variable inlet valve timing; hydraulic valve lifter; supercharger charging; direct petrol injection; two three-way catalytic converters per cylinder bank, each with two oxygen sensors; engine oil 8.1 litres; electronic ignition with solid-state ignition distribution (six individual ignition coils); thermal management; auto start-stop function. Bore: 84.5 mm Stroke: 89.0 mm Displacement: 2,995 cc Compression ratio: 10.5:1 Maximum engine speed: 6,700 rpm Fuel type: Super Engine power: 333 hp (245 kW) from 5,500 to 6,500 rpm Max. torque: 440 Nm from 3,000 to 5,250 rpm

*Specifications may vary according to markets

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Electric motor:	Permanently excited synchronous motor. E motor power: 95 hp (70 kW) from 2,200 to 2,600 rpm Max. torque: 310 Nm from 0 to 1,700 rpm																						
Electrical system:	12 Volt vehicle electrical system; battery capacity 75 Ah. High-voltage system / Traction battery: 384 Volt; lithium-ion battery; 9.4 kWh; 24 Ah; charged from electrical mains via standard Porsche Universal Charger (AC) and on-board charger (3.6 kW) (plug-in system).																						
Power transmission:	Engine and transmission bolted to form one drive unit, rear wheel drive via double-joint driveshafts; eight-speed automatic transmission with torque converter (Tiptronic S). Gear ratios: <table><tr><td>1st gear</td><td>4.92</td></tr><tr><td>2nd gear</td><td>2.81</td></tr><tr><td>3rd gear</td><td>1.84</td></tr><tr><td>4th gear</td><td>1.43</td></tr><tr><td>5th gear</td><td>1.21</td></tr><tr><td>6th gear</td><td>1.00</td></tr><tr><td>7th gear</td><td>0.83</td></tr><tr><td>8th gear</td><td>0.69</td></tr><tr><td>Reverse</td><td>4.07</td></tr><tr><td>Final drive ratio:</td><td>2.92</td></tr><tr><td>Converter diameter:</td><td>241 mm</td></tr></table>	1 st gear	4.92	2 nd gear	2.81	3 rd gear	1.84	4 th gear	1.43	5 th gear	1.21	6 th gear	1.00	7 th gear	0.83	8 th gear	0.69	Reverse	4.07	Final drive ratio:	2.92	Converter diameter:	241 mm
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Suspension:	Front axle: aluminium double wishbone suspension; air suspension; hydraulic coaxial gas pressurised dampers. Rear axle: aluminium multi-link suspension with suspension subframe; wheels independently suspended on four links; air suspensions with switchable added volume; hydraulic coaxial gas pressurised dampers. Variable adjustment of damper forces (Porsche Active Suspension Management, PASM).																						

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Brakes:	Dual-circuit brake system with separate circuits for front and rear axles.			
	Front: six-piston aluminium monobloc brake callipers; internally ventilated brake discs, 360 mm in diameter and 36 mm thick.			
	Rear: four-piston aluminium monobloc brake callipers, internally ventilated brake discs, 330 mm in diameter and 28 mm thick.			
	Porsche Stability Management (PSM); vacuum brake booster; brake assist; electric parking brake.			
Wheels and tyres:	front	8 J x 18	with	245/50 ZR 18
	rear	9 J x 18	with	275/45 ZR 18
Weights:	Unladen weight DIN			2,095 kg
	Allowable gross weight			2,580 kg
	Maximum roof load			75 kg
Dimensions:	Length			5,015 mm
	Width			1,931 mm
	Width with door mirrors			2,114 mm
	Height			1,418 mm
	Wheelbase			2,920 mm
	Track widths	front	1,658 mm	
		rear	1,662 mm	
	Luggage comp. capacity			335–1,153 l
	Fuel tank capacity			80 l

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Performance:	Top speed		270 km/h
	Electric top speed		135 km/h
	Acceleration:		
	0–100 km/h		5.5 s
	0–160 km/h		12.2 s
	0–200 km/h		19.0 s
	0–1,000 m		24.5 s
Fuel consumption per ECE R 101:	Fuel consumption	Combined	3.1 l/100 km
	Electrical consumption	Combined	162 Wh/km
	CO ₂ emissions	Combined	71 g/km
Electric driving range:			approx. 18–36 km
Emissions class:			Euro 6

Status: October 2014