

## Technical Data

	<b>Panamera Turbo S E-Hybrid</b>	<b>Panamera Turbo S E-Hybrid Executive</b>
<b>Drive system</b>		
<b>Type</b>	Parallel full hybrid equipped with plug-in technology, combustion engine and hybrid module with electric motor and electromagnetically actuated decoupler	
<b>Maximum system power</b>	500 kW (680 hp)	
at engine speed	5,750–6,000 rpm	
<b>Maximum system torque</b>	850 Nm	
at engine speed	1,400–5,500 rpm	

## Combustion engine

<b>Type</b>	V8 bi-turbo petrol engine
<b>No. of cylinders</b>	8
<b>Valves/cylinder</b>	4
<b>Displacement</b>	3,996 cm <sup>3</sup>
<b>Bore</b>	86.0 mm
<b>Stroke</b>	86.0 mm
<b>Max. power output</b>	404 kW (550 hp)
at engine speed	5,750–6,000 rpm
<b>Max. torque</b>	770 Nm
at engine speed	1,960–4,500 rpm
<b>Max. output per litre</b>	101.0 kW/l (137.5 hp/l)
<b>Compression ratio</b>	10.1:1
<b>Maximum engine speed</b>	6,800 rpm
<b>Cooling system</b>	Water cooling, thermal management with control thermostat and potted water pump

## Electric motor

<b>Type</b>	Permanently excited synchronous machine with external rotor
<b>Max. power output</b>	100 kW (136 hp)
at engine speed	2,800 rpm
<b>Max. torque</b>	400 Nm
at engine speed	100–2,300 rpm

The technical data may vary from country to country

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<b>Plug-in system</b>		
<b>Traction battery</b>	Lithium-ion battery with temperature control	
Energy content	14 kWh	
Rated voltage	382 V	
<b>Charger</b>	On-board charger delivering 3.6 kW (7.2 kW as an option)	

## Power transmission

<b>Drive system</b>	Porsche Traction Management (PTM): Active all-wheel drive with electronic map-controlled multiplate clutch, variable torque distribution between front and rear axles; Porsche Torque Vectoring Plus (PTV+): Variable torque distribution at the rear wheels including electronically controlled rear differential lock	
<b>Transmission</b>	8-speed Porsche Doppelkupplung (PDK)	
<b>Gear ratios</b>		
1 <sup>st</sup> gear		5.97
2 <sup>nd</sup> gear		3.24
3 <sup>rd</sup> gear		2.08
4 <sup>th</sup> gear		1.42
5 <sup>th</sup> gear		1.05
6 <sup>th</sup> gear		0.84
7 <sup>th</sup> gear		0.68
8 <sup>th</sup> gear		0.53
Reverse gear		5.22
Axle ratio (FA/RA)		3.31/3.15

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<b>Chassis</b>		
<b>Suspension</b>	Adaptive air suspension with switchable three-chamber air springs and adjustable dampers (Porsche Active Suspension Management, PASM); Porsche Dynamic Chassis Control Sport (PDCC Sport): Active roll stabilisation with electromechanical anti-roll bar on the front and rear axle	
<b>Front axle</b>	Aluminium double wishbone suspension, independent wheel suspension	
<b>Rear axle</b>	Aluminium multi-link suspension with chassis subframe, independent wheel suspension	
<b>Steering</b>	Electromechanical Power Steering Plus; optional rear-axle steering (HAL)	Electromechanical Power Steering Plus; rear-axle steering as standard (HAL)
<b>Steering ratio</b>	15.5:1 (centre position) up to 9.3:1; with rear-axle steering (HAL) 14.2:1 (centre position) up to 9.3:1	14.2:1 (centre position) to 9.3:1
<b>Steering wheel diameter</b>	375 mm	
<b>Turning circle diameter</b>	11.9 m; with rear-axle steering (HAL) 11.4 m	11.8 m
<b>Driving stability system</b>	Porsche Stability Management (PSM) incl. ABS with extended brake functions	
<b>Brakes</b>		
<b>Brake system</b>	Porsche Ceramic Composite Brake (PCCB); front: ten-piston aluminium monoblock fixed calliper brakes, rear: four-piston aluminium monoblock fixed calliper brakes	
<b>Brake discs, front axle</b>	Carbon fibre-reinforced ceramic discs; vented and perforated	
Diameter	420 mm	
Thickness	40 mm	
<b>Brake discs, rear axle</b>	Carbon fibre-reinforced ceramic discs; vented and perforated	
Diameter	410 mm	
Thickness	32 mm	
<b>Wheels and tyres</b>		
<b>Wheels with tyres, front</b>	9.5 J x 21 ET 71 with 275/35 ZR 21 tyres	
<b>Wheels with tyres, rear</b>	11.5 J x 21 ET 69 with 325/30 ZR 21 tyres	

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<b>Dimensions</b>		
<b>Length</b>	5,049 mm	5,199 mm
<b>Width</b> (with door mirrors)	1,937 mm (2,165 mm)	
<b>Height</b>	1,427 mm	1,432 mm
<b>Wheelbase</b>	2,950 mm	3,100 mm
<b>Track width, front</b>	1,657 mm	
<b>Track width, rear</b>	1,637 mm	

## Luggage volumes and weights

<b>Luggage volumes</b>	405–1,245 l	405–1,395 l
<b>Unladen weight (DIN)</b>	2,310 kg	2,410 kg
<b>Allowable gross weight</b>	2,795 kg	2,885 kg
<b>Weight-to-power ratio</b>	3.4 kg/hp	3.5 kg/hp

## Driving performance

<b>Top speed</b>	310 km/h	
<b>Acceleration</b>		
0–60 mph	3.2 s	3.3 s
0–100 km/h	3.4 s	3.5 s
0–160 km/h	7.6 s	7.9 s
0–200 km/h	11.7 s	12.1 s
<b>Top speed (electric)</b>	140 km/h	
<b>Acceleration (electric)</b>		
0–60 km/h	6.0 s	6.3 s

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	<b>Panamera Turbo S E-Hybrid</b>	<b>Panamera Turbo S E-Hybrid Executive</b>
<b>Fuel and emissions</b>		
<b>Fuel type</b>	Super Plus (98 RON)	
<b>Fuel consumption Combined</b>	2.9 l/100 km	
<b>CO<sub>2</sub> emissions</b>	66 g/km	
<b>Energy consumption</b>	16.2 kWh/100 km	
<b>Emissions standard</b>	Euro 6	
<b>Efficiency class in Germany</b>	A+	
<b>Fuel tank capacity</b>	80 l	
<b>Electric range</b>	25–50 km	
<b>Aerodynamics</b>		
<b>Drag coefficient <math>c_d</math></b>	0.29	
<b>Frontal area A</b>	2.39 m <sup>2</sup>	
<b><math>c_d \times A</math></b>	0.693	