

# Panamera 4 E-Hybrid Executive

## Fuel and emissions (WLTP)

Fuel consumption combined (weighted)	1.4 – 1.0 l/100 km
Fuel consumption with an empty battery	10.3 – 9.4 l/100 km
Energy consumption combined (weighted)	27.8 – 25.9 kWh/100 km
CO <sub>2</sub> emissions combined (weighted)	32 – 24 g/km
CO <sub>2</sub> class combined (weighted)	B
CO <sub>2</sub> class with empty battery	G
Electric range (EAER)	79 – 92 km
Electric range, urban (EAER city)	86 – 95 km
Emissions standard	EU6 EA
Fuel type	Super Plus (98 RON)
Fuel tank capacity	80 l

## Drive system

Type	Parallel full hybrid with plug-in technology; combustion engine with electric motor integrated into the transmission, electromagnetic clutch
Maximum system power	346 kW (470 PS)
at engine speed	5,400 – 6,800 1/min
Maximum system torque	650 Nm
at engine speed	1,000 – 5,000 1/min

# Panamera 4 E-Hybrid Executive

## Combustion engine

Type	V6, twin-turbo; with petrol particulate filter
Number of cylinders	6
Valves per cylinder	4
Displacement	2894 cm <sup>3</sup>
Bore	84.5 mm
Stroke	86.0 mm
Maximum power	224 kW (304 PS)
at engine speed	5,400 – 6,700 1/min
Maximum torque	420 Nm
at engine speed	1,900 – 4,800 1/min
Specific output	74 kW/l (101 PS/l)
Compression ratio	10.5:1
Maximum engine speed	6,800 1/min
Cooling system	Water cooling, thermal management with control thermostat
Valve control	VarioCam Plus: camshaft control on the inlet and outlet sides; variable valve lift on the inlet side

## Electric motor

Type	Permanent magnet synchronous motor with internal rotor
Maximum power	140 kW (190 PS)
at engine speed	3,200 1/min
Maximum torque	450 Nm
at engine speed	700 – 2,971 1/min

## Plug-in system

Drive battery	Temperature-controlled lithium-ion battery
Energy content (gross/net)	25.9/21.8 kWh
Nominal voltage	370 V
Charger	On-board charger with 11 kW capacity
Charging time (at 9.6 kW, 0-100 %)	approx. 3 h 15 min
Charging time (at 11 kW, 0-100 %)	approx. 2 h 39 min

# Panamera 4 E-Hybrid Executive

## 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 Porsche Doppelkupplung (PDK)	
Gear ratios		
	1 <sup>st</sup> gear	5.97
	2 <sup>nd</sup> gear	3.22
	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	5.32
	Rear-axle gear ratio	3.36

## Chassis

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	Aluminium double-wishbone front axle	
Rear axle	Aluminium multi-link suspension	
Steering	Electromechanical Power Steering Plus	
Steering ratio	15.4:1 (on-centre)	
Turning circle diameter	12.4 m	
Vehicle stability system	Porsche Stability Management (PSM) with ABS and extended brake functions	

# Panamera 4 E-Hybrid Executive

## Brakes

Brake system	Hydraulic dual-circuit brake system with front axle/rear axle split; electric brake booster; electric duo-servo parking brake (EPB); auto hold function; multi-collision brake
Front brakes	Six-piston aluminium monobloc fixed-calliper brakes; grey cast-iron discs, internally ventilated and grooved
Diameter	390 mm
Thickness	38 mm
Rear brakes	Four-piston aluminium monobloc fixed-calliper brakes; grey cast-iron discs, internally ventilated and grooved
Diameter	365 mm
Thickness	28 mm

## Wheels and tyres

Front wheels and tyres	9.0 J x 19 ET 64 with 265/45 ZR 19 tyres
Rear wheels and tyres	10.5 J x 19 ET 62 with 295/40 ZR 19 tyres

## Dimensions

Length	5,202 mm
Width (including exterior mirrors)	1,937 mm (2,165 mm)
Height	1,425 mm
Wheelbase	3,100 mm
Front track width	1,680 mm
Rear track width	1,651 mm

## Luggage compartment volume and weights

Luggage compartment volume	430 – 1,385 l
Unladen weight (DIN)	2,325 kg
Permissible gross weight	2,805 kg

# Panamera 4 E-Hybrid Executive

## Performance

Top speed	280 km/h
Top speed with electric motor only	140 km/h
Acceleration	
0 – 60 mph	4.0 s
0 – 100 km/h	4.2 s
0 – 160 km/h	10.3 s
0 – 200 km/h	16.7 s

## Aerodynamics

Drag coefficient ( $c_d$ )	0.28
Frontal area A	2.40 m <sup>2</sup>
$c_d \times A$	0.672 m <sup>2</sup>