

# Panamera 4 E-Hybrid

## Fuel and emissions (WLTP)

|   |                        |
|---|------------------------|
| Fuel consumption combined (weighted)          | 1.4 – 1.0 l/100 km     |
| Fuel consumption with an empty battery        | 10.3 – 9.2 l/100 km    |
| Energy consumption combined (weighted)        | 27.6 – 25.4 kWh/100 km |
| CO <sub>2</sub> emissions combined (weighted) | 32 – 23 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)             | 89 – 96 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

## 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;<br>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<br>(at 9.6 kW, 0-100 %) | approx. 3 h 15 min                         |
| Charging time<br>(at 11 kW, 0-100 %)  | approx. 2 h 39 min                         |

# Panamera 4 E-Hybrid

## 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  | 11.9 m   |
| Vehicle stability system | Porsche Stability Management (PSM) with ABS and extended brake functions   |

# Panamera 4 E-Hybrid

## 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                             | 5,052 mm            |
| Width (including exterior mirrors) | 1,937 mm (2,165 mm) |
| Height                             | 1,419 mm            |
| Wheelbase                          | 2,950 mm            |
| Front track width                  | 1,680 mm            |
| Rear track width                   | 1,651 mm            |

## Luggage compartment volume and weights

|   |               |
|---|---------------|
| Luggage compartment volume                                    | 430 – 1,264 l |
| Unladen weight (DIN)  | 2,230 kg      |
| Permissible gross weight                                      | 2,825 kg      |
| Permissible roof load<br>(with Porsche roof transport system) | 75 kg         |

# Panamera 4 E-Hybrid

**Performance**

|                                    |          |
|------------------------------------|----------|
| Top speed                          | 280 km/h |
| Top speed with electric motor only | 140 km/h |
| Acceleration                       |          |
| 0 – 60 mph                         | 3.9 s    |
| 0 – 100 km/h                       | 4.1 s    |
| 0 – 160 km/h                       | 10.0 s   |
| 0 – 200 km/h                       | 16.2 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> |