

Performance

Five powertrain versions delivering up to 550 hp

Porsche offers the new Panamera Sport Turismo in five different powertrain versions with power ranging from 243 kW (330 hp) to 404 kW (550 hp). All engines – V6 and V8 – are new developments that were first presented with the second-generation Panamera. The Sport Turismo is available as a petrol engine, diesel and plug-in hybrid. All petrol and diesel engines share an engine concept with an innovative central turbo layout, with the turbo/biturbo systems integrated in the inner V of the cylinder blocks. The direct fuel injectors also have injectors positioned centrally in the combustion chamber. The location of the turbochargers and resulting shorter exhaust paths ensure a very high level of responsiveness of the turbines, while the direct fuel injection with its central injector position delivers optimum combustion combined with enhanced agility and efficiency.

The V6 and V8 petrol engines are also fitted with VarioCam Plus. The system allows the intake and exhaust camshafts to be adjusted (by 50 degrees each) and the valve lift of the intake valves to be activated. Thanks to the variable valve lift and the variable opening times of the intake valves, the system delivers low fuel consumption yet high agility, particularly in the partial load range. The power of the engines is transferred to the two drive axles via an eight-speed Porsche Doppelkupplung (PDK) and the Porsche Traction Management (all-wheel drive PTM). All versions of the Panamera Sport Turismo are also fitted with a start/stop function and coasting mode.

The Panamera 4 Sport Turismo with a 243 kW (330 hp) V6 turbo petrol engine is the entry-level Panamera. The next performance level is the Panamera 4S Sport Turismo with a V6 bi-turbo petrol engine producing 324 kW (440 hp). Porsche offers the Panamera 4 E-Hybrid Sport Turismo with a plug-in hybrid drive (V6 biturbo petrol engine and electric motor) with a maximum system output of 340 kW (462 hp). The most powerful petrol engine is found in the Panamera Turbo Sport Turismo, whose V8 biturbo delivers 404 kW (550 hp). The Panamera 4S Diesel Sport Turismo also uses a V8 biturbo engine producing 310 kW (422 hp).

Even the 243 kW (330 hp) Panamera 4 Sport Turismo with its top speed of 259 km/h accelerates to 100 km/h in 5.5 seconds. Together with the optional Sport Chrono Package including Launch Control, this figure falls to just 5.3 seconds. The Panamera Turbo Sport Turismo is one of the sportiest cars of its class in the world. It has a top speed of 304 km/h, and accelerates to 100 km/h in 3.8 seconds. In combination with the Sport Chrono Package, this falls to just 3.6 seconds.

The Sport Chrono Package is operated via a mode switch with Sport Response button on the steering wheel. The mode switch gives access to the four driving modes of Normal, Sport, Sport Plus and Individual. The Sport Response button is located in the centre of the mode switch. This delivers the maximum possible power potential of the Sport Turismo for 20 seconds with extreme agility: the responsiveness of the engine becomes even more spontaneous, and the eight-speed Porsche Doppelkupplung (PDK) switches to a more dynamic shifting characteristic curve. The Sport Chrono Package can be ordered for all Panamera Sport Turismo models. The Panamera 4 E-Hybrid Sport Turismo is fitted with it as standard. This model also offers the hybrid-specific modes “E-Power” for electric-only driving, “Hybrid Auto” for an automatically controlled mix of V6 engine and electric motor,

“E-Hold” to retain the battery charge status and “E-Charge” to charge the battery from the V6 engine during the journey. These functions are selected via the mode switch or the PCM.

Overview of the maximum performance and torque values and top speed and acceleration of all Panamera Sport Turismo models (0–100 km/h: without/with Sport Chrono Package including Launch Control):

Panamera 4 Sport Turismo:

243 kW (330 hp); 450 Nm; 259 km/h; 0–100 km/h in 5.5 s / 5.3 s.

Panamera 4 E-Hybrid Sport Turismo:

340 kW (462 hp); 700 Nm (system values in each case); 275 km/h; 0–100 km/h in 4.6 s.

Panamera 4S Sport Turismo:

324 kW / 440 hp; 550 Nm; 286 km/h; 0-100 km/h in 4.4 s / 4.2 s.

Panamera Turbo Sport Turismo:

404 kW (550 hp); 770 Nm; 304 km/h; 0-100 km/h in 3.8 s / 3.6 s.

Panamera 4S Diesel Sport Turismo:

310 kW (422 hp); 850 Nm; 282 km/h; 0-100 km/h in 4.5 s / 4.3 s.