

911 Turbo S

Fuel and emissions (WLTP)

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|-------------------------------------|----------------------|
| Fuel consumption, combined | 11.8 – 11.6 l/100 km |
| CO ₂ emissions, combined | 266 – 262 g/km |
| CO ₂ class | G |
| Emissions standard | EU6 EB |
| Fuel type | Super Plus (98 RON) |
| Fuel tank capacity | 63 l |

Drive system

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|-----------------------|---|
| Type | T-Hybrid: performance hybrid system with 3.6-litre six-cylinder boxer engine, 2 electric exhaust turbocharger (eTurbo) and electric motor in the Porsche dual clutch transmission (PDK) |
| Maximum system power | 523 kW (711 PS) |
| at engine speed | 6,500 1/min |
| Maximum system torque | 800 Nm |
| at engine speed | 2,300 – 6,000 1/min |

Combustion engine

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|----------------------|--|
| Type | Six-cylinder boxer engine with 2 electric exhaust turbocharger (eTurbo); gasoline particulate filter (GPF) |
| Number of cylinders | 6 |
| Valves per cylinder | 4 |
| Displacement | 3,591 cm ³ |
| Bore | 97.0 mm |
| Stroke | 81.0 mm |
| Maximum power | 471 kW (640 PS) |
| at engine speed | 6,500 1/min |
| Maximum torque | 760 Nm |
| at engine speed | 2,750 – 5,000 1/min |
| Specific output | 131 kW/l (178 PS/l) |
| Compression ratio | 9.2:1 |
| Maximum engine speed | 7,500 1/min |
| Cooling system | Water cooling and thermal management |
| Valve control | VarioCam: variable valve timing on the inlet and outlet sides; roller cam followers |

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Electric motor

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|----------------|--|
| Type | Permanent magnet synchronous motor with internal rotor |
| Maximum power | 60 kW |
| Maximum torque | 188 Nm |

Drive battery

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|-----------------|--|
| Type | Liquid-cooled lithium-ion battery with battery management system |
| Energy capacity | 1.9 kWh |
| Nominal voltage | 400 V |

Power transmission

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| Drive system | Porsche Traction Management (PTM): all-wheel drive with map-controlled multiplate clutch; Porsche Torque Vectoring Plus (PTV Plus): electronically controlled rear differential lock with fully variable torque distribution | |
| Gearbox | Eight-speed dual-clutch transmission (PDK) | |
| Gear ratios | | |
| | 1 st gear | 4.89 |
| | 2 nd gear | 3.17 |
| | 3 rd gear | 2.15 |
| | 4 th gear | 1.56 |
| | 5 th gear | 1.18 |
| | 6 th gear | 0.94 |
| | 7 th gear | 0.76 |
| | 8 th gear | 0.61 |
| | Reverse gear | 3.99 |
| | Rear-axle gear ratio | 2.79 |

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Chassis

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|--------------------------|--|
| Suspension and damping | Porsche Active Suspension Management (PASM): Chassis with electronically controlled damping system and two manually controlled driving modes ("NORMAL" and "SPORT"). |
| Front axle | MacPherson strut with wheels independently suspended on wishbones, trailing arms and spring struts; anti-roll bar |
| Rear axle | Lightweight multi-link axle with wheels guided independently on five arms, anti-roll bar |
| Steering | Electromechanical power steering with variable steering ratio and steering impulse; rearaxle steering |
| Steering ratio | 14.1:1 (on-centre) |
| Turning circle diameter | 10.9 m |
| Vehicle stability system | Porsche Stability Management (PSM) including anti-lock braking system (ABS) with extended braking functions |

Brakes

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|--------------|---|
| Brake system | Hydraulic dual-circuit brake system split by axle; electric brake booster; electromechanical parking brake; auto hold function; multi-collision brake |
| Front brakes | Ten-piston aluminum monobloc fixed-calliper brakes; Carbon-fibre reinforced ceramic composite discs, internally vented and cross-drilled |
| Diameter | 420 mm |
| Thickness | 40 mm |
| Rear brakes | Four-piston aluminum monobloc fixed-calliper brakes; Carbon-fibre reinforced ceramic composite discs, internally vented and cross-drilled |
| Diameter | 410 mm |
| Thickness | 32 mm |

Wheels and tyres

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|------------------------|--|
| Front wheels and tyres | 9,5 J x 20" ET44 with 255/35 ZR 20 tyres |
| Rear wheels and tyres | 12,0 x 21" ET63 with 325/30 ZR 21 tyres |

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Dimensions

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|------------------------------------|---------------------|
| Length | 4,551 mm |
| Width (including exterior mirrors) | 1,900 mm (2,033 mm) |
| Height | 1,305 mm |
| Wheelbase | 2,450 mm |
| Front track width | 1,583 mm |
| Rear track width | 1,588 mm |

Luggage compartment volume and weights

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|---|---------------|
| Luggage compartment volume | 128 l / 373 l |
| Unladen weight (DIN) | 1,725 kg |
| Permissible gross weight | 2,025 kg |
| Permissible roof load (with Porsche roof transport system) | 75 kg |

Performance

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|--------------|----------|
| Top speed | 322 km/h |
| Acceleration | |
| 0 – 60 mph | 2.4 s |
| 0 – 100 km/h | 2.5 s |
| 0 – 160 km/h | 5.5 s |
| 0 – 200 km/h | 8.4 s |

Aerodynamics

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|----------------------------|----------------------|
| Drag coefficient (c_d) | 0.31 |
| Frontal area A | 2.10 m ² |
| $c_d \times A$ | 0.651 m ² |