

## 911 Turbo S

### Engine

|                                    |  |
|------------------------------------|--|
| <b>Type</b>                        | Six-cylinder boxer engine with VTG biturbocharging;<br>gasoline particulate filter   |
| <b>No. of cylinders</b>            | 6  |
| <b>Valves/cylinder</b>             | 4  |
| <b>Displacement</b>                | 3,745 cm <sup>3</sup>  |
| <b>Bore</b>                        | 102.0 mm   |
| <b>Stroke</b>                      | 76.4 mm  |
| <b>Max. power output</b>           | 478 kW (650 PS)  |
| at engine speed                    | 6,750 rpm  |
| <b>Max. torque</b>                 | 800 Nm   |
| at engine speed                    | 2,500 – 4,000 rpm  |
| <b>Max. power output per litre</b> | 127.6 kW/l (173.6 PS/l)  |
| <b>Compression ratio</b>           | 8.7:1  |
| <b>Max. rpm</b>                    | 7,200 rpm  |
| <b>Valve control</b>               | VarioCam Plus: variable valve timing on intake and exhaust sides,<br>valve lift switchover on intake side                        |
| <b>Oil supply</b>                  | Integrated dry sump lubrication and demand-controlled oil pump   |
| <b>Turbocharging</b>               | Biturbocharging with variable turbine geometry (VTG) and electronically<br>controlled wastegate; maximum boost pressure 1.55 bar |
| <b>Intake system</b>               | Expansion intake system  |
| <b>Exhaust system</b>              | Exhaust system with two twin tailpipes mounted<br>on rear section (made of stainless steel, black)                               |

The technical specifications may vary from country to country. All information refers to the EU version.

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### Power transmission

|                     |   |      |
|---------------------|---|------|
| <b>Drive system</b> | Porsche Traction Management (PTM): active all-wheel drive with electronically regulated, map-controlled multi-plate clutch, variable torque distribution between front and rear axles; Porsche Torque Vectoring Plus (PTV Plus) including electronic rear differential lock with fully variable torque distribution |      |
| <b>Transmission</b> | Eight-speed Porsche dual-clutch transmission (PDK) with dual-mass flywheel  |      |
| <b>Gear ratio</b>   |   |      |
|                     | 1 <sup>st</sup> gear  | 4.89 |
|                     | 2 <sup>nd</sup> gear  | 3.17 |
|                     | 3 <sup>rd</sup> gear  | 2.15 |
|                     | 4 <sup>th</sup> gear  | 1.56 |
|                     | 5 <sup>th</sup> gear  | 1.18 |
|                     | 6 <sup>th</sup> gear  | 0.94 |
|                     | 7 <sup>th</sup> gear  | 0.76 |
|                     | 8 <sup>th</sup> gear  | 0.61 |
|                     | Reverse gear  | 3.99 |
|                     | Overall transmission ratio RA   | 3.02 |

### Chassis

|                                 |   |  |
|---------------------------------|---|--|
| <b>Suspension and damping</b>   | PASM chassis: steel suspension and variable damping system Porsche Active Suspension Management (PASM); active roll stabilisation system Porsche Dynamic Chassis Control (PDCC) |  |
| <b>Front axle</b>               | McPherson spring-strut suspension   |  |
| <b>Rear axle</b>                | Multi-link axle   |  |
| <b>Steering</b>                 | Electromechanical power steering with variable steering ratio and steering pulse input; rear-axle steering  |  |
| <b>Steering ratio</b>           | 14.1:1 (centre position) to 12.5:1  |  |
| <b>Steering wheel diameter</b>  | 360 mm  |  |
| <b>Turning circle diameter</b>  | 10.9 m  |  |
| <b>Vehicle stability system</b> | Porsche Stability Management (PSM) incl. ABS with extended brake functions; separately selectable PSM Sport mode.   |  |

## 911 Turbo S

### Brakes

|                          |  |
|--------------------------|--|
| <b>Brake system</b>      | Porsche Ceramic Composite Brake (PCCB); dual circuit brake system with axle-based distribution; electromechanical brake booster; braking assistant; electric duo-servo parking brake |
| <b>Front axle brakes</b> | Ten-piston aluminium monobloc fixed calliper brakes; cross-drilled and internally vented ceramic composite brake discs with aluminium brake pots                                     |
| Diameter                 | 420 mm   |
| Thickness                | 40 mm  |
| <b>Rear axle brakes</b>  | Four-piston aluminium monobloc fixed calliper brakes; cross-drilled and internally vented ceramic composite brake discs with aluminium brake pots                                    |
| Diameter                 | 390 mm   |
| Thickness                | 32 mm  |

### Wheels and tyres

|                                 |   |
|---------------------------------|---|
| <b>Wheels with tyres, front</b> | 9 J x 20" ET 41 with 255/35 ZR20 tyres    |
| <b>Wheels with tyres, rear</b>  | 11.5 J x 21" ET 67 with 315/30 ZR21 tyres |

### Dimensions

|                                      |                     |
|--------------------------------------|---------------------|
| <b>Length</b>                        | 4,535 mm            |
| <b>Width</b> (with exterior mirrors) | 1,900 mm (2,024 mm) |
| <b>Height</b>                        | 1,303 mm            |
| <b>Wheelbase</b>                     | 2,450 mm            |
| <b>Track width, front</b>            | 1,583 mm            |
| <b>Track width, rear</b>             | 1,600 mm            |

### Luggage compartment volume and weights

|  |  |
|--|--|
| <b>Luggage compartment volume</b>      | Front 128 l, rear 264 l<br>(rear seat backrests folded down) |
| <b>Unladen weight according to DIN</b> | 1,640 kg   |
| <b>Permissible gross weight</b>        | 2,020 kg   |
| <b>Weight-to-power ratio</b>           | 3.4 kg/kW (2.5 kg/PS)  |

## 911 Turbo S

### Performance

|                     |          |
|---------------------|----------|
| <b>Top speed</b>    | 330 km/h |
| <b>Acceleration</b> |          |
| 0 – 60 mph          | 2.6 s    |
| 0 – 100 km/h        | 2.7 s    |
| 0 – 160 km/h        | 5.8 s    |
| 0 – 200 km/h        | 8.9 s    |

### Fuel and emissions

|                                 |                          |
|---------------------------------|--------------------------|
| <b>Emissions standard</b>       | Euro 6d-ISC-FCM (EU6 AP) |
| <b>Fuel type</b>                | Super Plus (98 RON)      |
| <b>Fuel consumption (NEDC)</b>  |                          |
| Urban                           | 15.5 l/100 km            |
| Extra-urban                     | 8.6 l/100km              |
| Combined                        | 11.1 l/100km             |
| <b>CO<sub>2</sub> emissions</b> |                          |
| Combined                        | 254 g/km                 |
| <b>Efficiency class Germany</b> | G                        |
| <b>Fuel tank capacity</b>       | 67 l                     |

### Aerodynamics

|  |                      |
|--|----------------------|
| <b>Drag coefficient <math>c_d</math></b> | 0.33                 |
| <b>Frontal area <math>A</math></b>       | 2.12 m <sup>2</sup>  |
| <b><math>c_d \times A</math></b>         | 0.700 m <sup>2</sup> |