

Specifications Porsche 911 Targa 4S*

Body:	Two-plus-two seat Targa with steel rollover protection bar and retractable central roof section; lightweight body in intelligent aluminum-steel construction with wings, doors, boot and bonnet lids made of aluminum; two-stage driver and front passenger airbags; side and head airbags for driver and front passenger.	
Aerodynamics:	Drag coefficient c_d :	0.30
	Frontal area A:	2.05 m ²
	$c_d \times A$:	0.62
Engine:	Water-cooled flat-six engine; aluminum engine block and cylinder heads; four overhead camshafts, four valves per cylinder; variable inlet and outlet valve timing, inlet valve lift (VarioCam Plus); hydraulic valve clearance adjustment; direct petrol injection; bi-turbo charging; one three-way catalytic converter per cylinder bank, each with two oxygen sensors; engine oil 13.1 liters (refill volume 8.0 liters); electronic ignition with solid-state ignition distribution (six active ignition modules); thermal management for coolant circulation; auto start/stop function.	
	Bore	91.0 mm
	Stroke	76.4 mm
	Displacement	2,981 cm ³
	Compression ratio	10:1
	Engine power	420 hp (309 kW) at 6,500 rpm
	Max. torque	500 Nm at 1,700 – 5,000 rpm
	Power output per liter	140.9 hp/l (103.7 kW/l)
	Max. engine speed	7,500 rpm
	Fuel type	super plus
Electrical system:	12 Volt; alternator 2,940 W; battery 80 Ah; electrical system recuperation.	

* Specifications may vary according to markets

Status: November 2015

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Power transmission: Engine and transmission bolted into combined drive unit; active all-wheel drive with electro-hydraulically actuated, map-controlled multi-plate clutch (PTM); seven-speed manual transmission with two-plate clutch, mechanical rear-axle differential lock and Porsche Torque Vectoring (PTV); optional seven-speed dual clutch transmission (PDK) with controlled rear locking differential and PTV Plus.

Gear ratios	Manual transmission	PDK
1 st gear	3.91	3.91
2 nd gear	2.29	2.29
3 rd gear	1.58	1.58
4 th gear	1.18	1.18
5 th gear	0.94	0.94
6 th gear	0.79	0.79
7 th gear	0.62	0.62
Reverse	3.55	3.55
Constant RA ratio	1.16	1.16
Total RA ratio	3.09	3.09
Final drive ratio, front axle	3.46	3.46
Clutch diameter	228 mm	202/153 mm

Chassis: Front axle: strut suspension (MacPherson type, Porsche optimized) with wheels independently suspended by transverse links, longitudinal links and struts; cylindrical coil springs with internal dampers; electromechanical power steering; optional front axle lift system.

Rear axle: multi-link suspension with wheels independently suspended on five links; cylindrical coil springs with coaxial internal dampers; optional rear-wheel steering.

Porsche Active Suspension Management (PASM) with electronically controlled dampers; two manually selectable damping programs.

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Brakes: Dual-circuit brake system with separate circuits for front and rear axles; Porsche Stability Management (PSM); vacuum brake booster; brake assistant; electric duo-servo parking brake; auto-hold function; post-collision braking system.

Front axle: six-piston aluminum monobloc brake calipers, perforated and internally ventilated brake discs with 350 mm diameter and 34 mm thickness.

Rear axle: four-piston aluminum monobloc brake calipers, perforated and internally ventilated brake discs with 330 mm diameter and 28 mm thickness.

Wheels and tires:	front	8.5 J x 20	with	245/35 ZR 20
	rear	11.5 J x 20	with	305/30 ZR 20

Weights:	Unladen weight (DIN)	1,580 (1,600) kg
	Permissible gross weight	2,025 (2,040) kg

Dimensions:	Length	4,499 mm
	Width	1,852 mm
	Width with door mirrors	1,978 mm
	Height	1,293 mm
	Wheelbase	2,450 mm

Track widths	front	1,543 mm
	rear	1,558 mm

Luggage comp. capacity	front	125 l
	rear	160 l

Fuel tank capacity (Refill volume)	68 l (67 l)
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Values in brackets refer to vehicles with PDK transmission.

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Performance figures:	Top speed	303 (301) km/h
	Acceleration	
	0 – 100 km/h	4.4 (4.2) s
	with Sport Plus and PDK	4.0 s
	0 – 200 km/h	14.8 (14.3) s
	with Sport Plus and PDK	14.0 s
Fuel consumption: (NEDC)	0 – 60 mph	4.2 (4.0) s
	with Sport Plus and PDK	3.8 s
	1/4 mile (400 m)	12.6 (12.4) s
	with Sport Plus and PDK	12.1 s
	Combined	9.0 (8.0) l/100 km
	Urban	12.6 (10.4) l/100 km
CO₂ emissions:	Extra-urban	6.8 (6.7) l/100 km
	Combined	208 (184) g/km
Emissions class:		Euro 6

Values in brackets refer to vehicles with PDK transmission.