

Macan S

Engine

Type	V6 biturbo with gasoline particulate filter (GPF)
No. of cylinders	6
Valves/cylinder	4
Displacement	2,894 cc
Bore	84.5 mm
Stroke	86.0 mm
Max. power output	280 kW (380 PS)
at engine speed	5,200–6,700 rpm
Max. torque	520 Nm
at engine speed	1,850–5,000 rpm
Max. power output per litre	96 kW/l (131 PS/l)
Compression ratio	10.5:1
Max. engine speed	6,800 rpm
Cooling system	Water cooling, thermal management with control thermostat
Valve control	VarioCam Plus: continuous camshaft adjustment (intake and exhaust sides) and valve lift switchover on the intake side

Power transmission

Drive system	Porsche Traction Management (PTM): active all-wheel drive with electronically regulated, map-controlled multi-plate clutch, variable torque distribution between front and rear axle
Transmission	7-speed dual-clutch transmission (PDK)
Gear ratio	
1 st gear	3.69
2 nd gear	2.15
3 rd gear	1.41
4 th gear	1.03
5 th gear	0.79
6 th gear	0.63
7 th gear	0.52
Reverse gear	2.94
Rear axle ratio	4.67

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Chassis

Suspension and damping	Steel suspension and Porsche Active Suspension Management (PASM): electronically controlled damping system with three manually controlled maps; optional air suspension including PASM
Front axle	Independent suspension with five-link aluminium front axle with separated wishbones at top and bottom
Rear axle	Independent suspension with aluminium trapezoidal link at the bottom, aluminium link at the top and tie rod
Steering	Electromechanical power steering
Steering ratio	14.3:1 (centre position)
Steering wheel diameter	375 mm
Turning circle diameter	11.96 m
Vehicle stability system	Porsche Stability Management (PSM) with ABS, ASR, ABD, EDTC and Trailer Stability Management

Brakes

Braking system	Six-piston aluminium monobloc fixed-calliper brakes at the front, combination floating-calliper brakes at the rear; electric parking brake; multi-collision brake
Brake discs, front axle	Grey cast iron, internally vented
Diameter	360 mm
Thickness	36 mm
Brake discs, rear axle	Grey cast iron, internally vented
Diameter	330 mm
Thickness	22 mm

Wheels and tyres

Wheels and tyres, front	9J x 20 ET 26 with 265/45 R 20 tyres
Wheels and tyres, rear	10J x 20 ET 19 with 295/40 R 20 tyres

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Dimensions

Length	4,726 mm
Width (with exterior mirrors)	1,927 mm (2,097 mm)
Height	1,621 mm
Wheelbase	2,807 mm
Track width, front	1,645 mm
Track width, rear	1,655 mm

Luggage compartment volume and weights

Luggage compartment volume	458–1,503 l
Unladen weight (DIN)	1,930 kg
Permissible gross weight	2,580 kg
Trailer load (br./unbr.)	2,400/750 kg
Drawbar load	96 kg
Roof load (with Porsche roof transport system)	75 kg

Performance

Top speed	259 km/h
Acceleration	
0–60 mph	4.6 s
0–60 mph with Sport Plus	4.4 s
0–100 km/h	4.8 s
0–100 km/h with Sport Plus	4.6 s
0–160 km/h	11.2 s
0–160 km/h with Sport Plus	11.0 s
0–200 km/h	18.9 s
0–200 km/h with Sport Plus	18.7 s

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Fuel and emissions

Emissions standard	Euro 6d-ISC-FCM (EU6 AP)
Fuel type	Super Plus (98 RON)
Consumption (NEDC)	
Urban	12.3 l/100 km
Extra-urban	8.4 l/100 km
Combined	9.9–9.8 l/100 km
CO ₂ emissions (NEDC)	
Combined	225–224 g/km
Fuel consumption (WLTP)	
Combined	11.7–11.1 l/100 km
CO ₂ emissions (WLTP)	
Combined	265–251 g/km l
Efficiency class Germany	E
Fuel tank capacity	65 l

Aerodynamics

Drag coefficient C _d	0.36
Frontal area A	2.64 m ²
C _d x A	0.950 m ²