



PORSCHE

2019 911 Speedster

Technical Data

Engine	
Type	Naturally aspirated flat-six (boxer) engine
No. of cylinders	6
Valves/cylinders	4
Displacement	3,996 cm ³
Bore	102.0 mm
Stroke	81.5 mm
Max. power output	502 hp
at engine speed	8,400 rpm
Max. torque	346 lb.-ft.
at engine speed	6,250 rpm
Max. output per liter	125.62 hp per liter
Compression ratio	13.3:1
Max. engine speed	9,000 rpm
Cooling system	Water cooling with mechanical thermostat
Valve control	VarioCam camshaft control for intake and exhaust valves, DLC-coated rocker arms, fixed valve train, valve clearance compensation with shims
Power Transmission	
Drive system	Rear-wheel drive
Transmission	Six-speed GT Sport manual transmission with Porsche Torque Vectoring (PTV) including mechanical rear differential lock: locking action 30% traction, 37% overrun
Gear ratios	
1st gear	3.75
2nd gear	2.38
3rd gear	1.72
4th gear	1.34
5th gear	1.08
6th gear	0.88
Reverse gear	3.42
Total transmission ratio RA	3.76
Chassis	
Suspension and damping	Sports chassis with steel springs and 25 mm lowering; Porsche Active Suspension Management (PASM) with electronically controlled dampers; two manually selectable damping programs
Front axle	Lightweight spring strut axle (McPherson type), chassis mounts partially with ball joints
Rear axle	Lightweight multi-link suspension with wheels independently suspended on five links, chassis mounts partially with ball joints
Steering	Electromechanical power steering with variable steering ratio: rear-axle steering
Steering ratio	17.06:1 (on-center) to 13.15:1
Steering wheel diameter	360 mm
Turning circle diameter	36.4 ft. (11.1 m)
Vehicle stability system	Porsche Stability Management (PSM) including ABS with extended brake functions; can be switched off in two stages (ESC off and ESC+TC off)
Brakes	
Brake system	Porsche Ceramic Composite Brake (PCCB); dual circuit brake system with axle distribution; vacuum brake booster; braking assistant; electric duo-servo parking brake; automatic hold function
Front axle brakes	Six-piston aluminum monobloc fixed-calipers; perforated and vented ceramic composite brake rotors with aluminum brake chambers
Diameter	410 mm
Thickness	36 mm
Rear axle brakes	Four-piston aluminum monobloc fixed calipers; perforated and vented ceramic composite brake rotors with aluminum brake chambers
Diameter	390 mm
Thickness	32 mm
Wheels and tires	
Wheels and tires, front	9 J x 20 RO 55 with 245/35 ZR 20 UHP tires
Wheels with tires, rear	12 J x 20 RO 47 with 305/30 ZR 20 UHP tires
Dimensions	
Length	179.6 inches (4,562 mm)
Width	77.9 inches (1,852 mm)
Height	49.3 inches (1,250 mm)
Wheelbase	96.7 inches (2,457 mm)
Track width, front	61.1 inches (1,551 mm)
Track width, rear	61.2 inches (1,555 mm)
Luggage compartment volume and weights	
Luggage compartment volume	4.4 cubic feet (front trunk)
Unladen weight	3,230 lbs.
GVWR	3,953 lbs.
Weight-to-power ratio	6.43 lbs. per hp
Performance	
Top track speed	192 mph
Acceleration	
0 – 60 mph	3.8 s
Fuel and emissions	
EPA rated fuel economy	TBA closer to U.S. dealer arrival
Fuel tank capacity	16.9 gallons (23.7 gallons optional)
Aerodynamics	
Drag coefficient cd	0.347
Frontal area A	2.009 m ²
cd x A	0.697