

Specifications

Specifications of the Porsche 918 Spyder

Body:	Two-seat Spyder; carbon fibre reinforced plastics (CFRP) monocoque interlocked with CFRP unit carrier; two-piece Targa roof; fixed roll-over protection system.
Drivetrain:	Parallel full hybrid; 4.6-litre V8 mid-engine with dry-sump lubrication; hybrid module with electric motor and decoupler; electric motor with decoupler and gear unit on front axle; auto start/stop function; electrical system recuperation; four cooling circuits for motors, transmission and battery; thermal management.
Engine power:	608 hp (447 kW) at 8,600/min (V8 engine) 115 kW (hybrid module on rear axle) 95 kW (electric motor on front axle) 887 hp (combined)
Max. torque:	530 Nm at 6,600/min (V8 engine) 1,275 Nm (crankshaft equivalent combined, 7th gear) 1,086 Nm (combined, 3rd gear) > 800 Nm (800/min – 5,000/min)
Maximum Revs:	9,150 rpm
Power output per l:	132 hp/l (V8 engine)
Power transmission:	Combustion engine with hybrid module and transmission bolted together to form a single drive unit; seven-speed Doppelkupplungsgetriebe (PDK); rear-wheel drive; front electric motor with gearbox for driving the front wheels (decoupled from 235 km/h); five pre-selectable operating modes for optimum coordination of all drive units.

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Gear ratios	PDK
1 st gear	3.91
2 nd gear	2.29
3 rd gear	1.58
4 th gear	1.19
5 th gear	0.97
6 th gear	0.83
7 th gear	0.67
R gear	3.55
Final drive ratio	3.09
Clutch diameter	220 mm / 164 mm

Chassis and Suspension:

Double-wishbone front axle; optional electro-pneumatic lift system on front axle; electro-mechanical power steering; multilink rear axle with adaptive electro-mechanical system for individual rear wheel steering; electronically controlled twin-tube gas-pressure dampers in the front and rear with Porsche Active Suspension Management (PASM).

Brake system:

High-performance hybrid brake system with adaptive recuperation; internally ventilated and perforated front ceramic brake discs (PCCB), 410 mm in diameter and 36 mm thick; rear discs 390 mm in diameter and 32 mm thick.

Wheels and tyres:

918 Spyder wheels
(Weissach package: 918 Spyder magnesium wheels)
front 9.5 J x 20 with 265/35 ZR 20
rear 12.5 J x 21 with 325/30 ZR 21

Weights:

Curb weight, DIN 1,640 kg

Dimensions:

Length 4,643 mm
Width 1,940 mm
Height 1,167 mm
Wheelbase 2,730 mm

Track width front 1,664 mm
rear 1,612 mm

Luggage compartment capacity, VDA ~ 110 l

Fuel tank capacity 70 l

Specifications

Energy supply:	Lithiumion battery with 6.8 kWh capacity (BOL nominal), 220 kW maximum power and mains-compatible plug-in charger.	
Performance:	Top speed	> 340 km/h
	purely electric	150 km/h
	Acceleration: 0 – 100 km/h	2.8 s
	0 – 200 km/h	7.9 s
	0 – 300 km/h	23.0 s
Consumption (NEDC):	Total	~ 3.3 l/100km
CO ₂ emissions:	Total	~ 79 g/km
Range:	Purely electric	appr. 30 km
Warranty:	Vehicle (Battery)	4 years (7 years)