

Mercedes-Maybach S-Class Technical Data

	S 650
Engine and performance	
Cylinder arrangement/number	V12
Displacement (cc)	5980
Rated output (kW [hp] at rpm)	463 [630] / 5000
Rated torque (Nm at rpm)	1000 / 2300-4200
Compression ratio	9.0:1
Acceleration 0-100km/h (s)	4.7
Top speed (km/h)	210
ECO start/stop function	Yes
Fuel and emissions	
Fuel	98 RON
Tank capacity incl. reserve	80/8
Fuel consumption, urban (L/100km)	18.5
Fuel consumption , extra urban (L/100km)	9.3
Fuel consumption, combined (L/100km)	12.7
CO ₂ emissions, combined (g/km)	289
C _d value	0.28
Power transmission	
Drive system	Rear-wheel drive
Transmissions	7G-TRONIC PLUS automatic transmission
Automatic transmission ratios	4.38/2.86/1.93/1.37/1.00/0.82/0.73/R1 3.42/R2 2.24
Suspension and steering	
Front axle	Multi-link
Rear axle	Multi-link
Suspension, front/rear	MAGIC BODY CONTROL Active Suspension
Front tyres/wheels	245/40 R20
Rear tyres/wheels	275/35 R20
Front brakes	Discs, internally ventilated and perforated
Rear brakes	Discs, internally ventilated and perforated
Quantities, dimensions & weights	
Boot capacity (VDA) (L)	500
Turning circle (m)	12.9
Kerb weight/payload capacity (kg)	2360/460
Perm. GVM (kg)	2820
Maximum roof load (kg)	0
Permitted towing capacity unbraked/braked	-

1. The information contained in this document is indicative only and correct at the time of publishing, December 2019 and may have changed since. Model lines, specifications, features and equipment levels are subject to change without notice. Visit www.mercedes-benz.co.nz/dealer to contact your local authorised Mercedes-Benz retailer for current details and information, including pricing.

2. The declared fuel and energy consumption figures are determined by testing under standardised laboratory conditions to comply with ADR 81/02. Real world fuel consumption is influenced by many additional factors such as fuel quality, individual driving style, load, traffic and vehicle condition. The declared fuel consumption figure should only be used for the purpose of comparison amongst vehicles.