

Key technical data¹

		EQS 450+	EQS 580 4MATIC
Drive system layout		Rear-wheel	All-wheel
Electric motor(s)	Model	Permanently excited synchronous motor(s) (PSM)	
Max. powertrain output ²	kW	245	385
Max. torque transmission output	Nm	568	855
Acceleration 0-100 km/h	s	6.2	4.3
Top speed ³	km/h	210	210
Battery energy content, usable (WLTP)	kWh	107.8	107.8
Rated voltage	Volts	396	396
Energy recovery capacity, max. ⁴	kW	186	290
On-board charger (standard/option)	kW	11/22	11/22
Charging time ⁵ at wallbox or at public charging station (AC charging, 11/22 kW)	h	10/5	10/5
Charging time ⁶ at a rapid charging station (DC)	min	31	31
DC charging capacity, max.	kW	200	200
DC charging in 15 minutes ⁷ (WLTP)	km	Up to 300	Up to 280
Combined fuel consumption (WLTP)	kWh/100 km	20.4-15.7	21.8-17.4
CO ₂ emissions (WLTP)	g/km	0	0
Combined fuel consumption (NEDC)	kWh/100 km	19.1-16.0	20.0-16.9
CO ₂ emissions (NEDC)	g/km	0	0
Vehicle			
Length/width/height	mm	5216/1926/1512	
Length/width/height (USA)	mm	5265/1926/1513	
Track front/rear	mm	1667/1682	
Turning circle (with rear-axle steering 4.5°/10°)	m	11.9/10.9	
Boot capacity, VDA	L	610-1770	
Weight in roadworthy condition ⁸	kg	2480	2585
Payload	kg	465-545	475-550
Perm. gross vehicle weight	kg	2945-3025	3060-3135
c _d value from		0.20 ⁹	0.20 ¹⁷

1 Technical data of the EQS concerning mileage, range, output, torque, recuperation and performance in this publication is provisional, and was calculated internally in accordance with the applicable certification method. Confirmed TÜV figures, EC type approval and conformity certification with official figures are not yet available. Differences between the stated figures and the official figures are possible.

2 The system output does not result from the simple addition of individual output figures.

3 Electronically limited

4 This value refers to the electrical power fed into the electric battery due to recuperation. It can be achieved under optimal environmental conditions, depending on, among other things Charge status and temperature. Deviations are possible.

5 The charging times are for a 10-100% full charge at a wallbox or public charging station (AC connection with at least 11/22 kW, 16/32 A per phase)

6 The charging times are for 10-80% full charge at a DC quick charging station with a supply voltage of 400 V, current at least 500 A.

7 At DC fast charging stations with 500 amps based on WLTP range.

8 According to EC

9 With 19-inch AMG wheel/tyre combination (available in the EU from the end of 2021) in SPORT driving mode