

TECHNICAL SPECIFICATIONS. MINI COOPER SE.



Body		MINI Cooper SE
Number of doors/seats		3 / 4
Length/width/height (empty)	mm	3845 / 1727 / 1432
Wheelbase	mm	2495
Track width, front/rear	mm	1485 / 1485
Turning circle	m	10.7
Ground clearance (empty)	mm	128
Unladen weight according to DIN/EU ¹⁾	kg	1365 / 1440
Payload according to DIN	kg	405
Permitted gross vehicle weight	kg	1770
Permitted axle loads, front/rear	kg	985 / 870
Permitted trailer load braked (12 %) / unbraked	kg	- / -
Permitted roof load/permitted download	kg	60 / -
Luggage compartment capacity	l	211 - 731
Aerodynamic drag $c_x / A / c_x \times A$	- / m ² / m ²	0.30 / 2.1 / 0.63
Engine		
Motor technology		Hybrid synchronous electric motor with integrated power electronics, charging unit and generator function for energy recuperation
Max output	kW/hp	135 / 184
at engine speed	rpm	7000
Torque	Nm	270
at engine speed	rpm	100 - 1000
High-voltage battery		
Storage technology		Lithium-ion
Installation		Middle tunnel, underbody
Voltage	V	350,4
Battery cell capacity	Ah	93,2
Energy capacity (gross / net)	kWh	32,6 / 28,9
Charging time for 0 - 80 % charge		2.5 h from MINI Electric Wallbox (11 kW / 3 ph)
Charging time for 0 - 100 % charge		3.5 h from MINI Electric Wallbox (11 kW / 3 ph)
Charging time for 0 - 80 % charge		3.2 h from MINI Electric Wallbox (7,4 kW / 1 ph)
Charging time for 0 - 100 % charge		4.2 h from MINI Electric Wallbox (7,4 kW / 1 ph)
Charging time for 0 - 80 % charge		35 min from fast charging station (50 kW / DC)
Charging time for 0 - 100 % charge		1.4 h from fast charging station (50 kW / DC)
Transmission		
Transmission type		Automatic, single-speed with fixed ratio
Gear ratio	I	:1 8.961
Final drive ratio		:1 3.069
Suspension		
Front wheel suspension		Single-joint McPherson spring strut axle with aluminium swivel bearing and anti-dive control
Rear wheel suspension		Multilink axle with weight-optimised trailing arms
Brakes, front		disc, vented
Rear brakes		disc
Driving stability systems		Hydraulic 2-circuit brake system with anti-lock brakes (ABS), electronic brake force distribution (EBD) and Cornering Brake Control (CBC), Dynamic Stability Control (DSC) with brake assistant, hill start assistant, brake dry function, Fading Brake Support, Dynamic Traction Control (DTC), Electronic Differential Lock Control (EDLC) and Performance Control. Handbrake impacts electrically on rear wheels
Steering		Electrically assisted EPS unit with Servotronic function
Overall steering ratio	:1	14.0
Tyres		195/55 R16 87W
Rims		6.5J × 16 light alloy
Driving performance figures		
Power-to-weight ratio according to DIN	kg/kW	10,1
Acceleration	0-100 km/h	s 7.3
Acceleration	0-60 km/h	s 3.9
Acceleration	80-120 km/h	s 4.6
Top speed	km/h	150

Consumption in EU cycle		
Electric power consumption combined	kWh/100 km	16.8 - 14.8
Range	km	235 - 270

Technical specifications valid for ACEA markets / authorisation data only relevant to Germany in some cases (weights)

¹⁾ Weight of road-ready automobile (DIN) plus 75 kg for driver and luggage

The fuel consumption, CO₂ emissions, electric power consumption and range figures were determined according to the European Regulation (EC) 715/2007 in the version applicable. The figures refer to a vehicle with basic configuration in Germany. The range shown considers the different sizes of the selected wheels/tyres and the selected items of optional equipment, and may vary during configuration.

The values are already based on the new WLTP test cycle and have been translated back into NEDC-equivalent values in order to ensure comparability between the vehicles. With respect to these vehicles, for vehicle-related taxes or other duties based (at least inter alia) on CO₂ emissions, the CO₂ values may differ from the values stated here (depending on national legislation).

Further information on official fuel consumption figures and specific CO₂ emission values of new passenger cars is included in the following guideline: 'Leitfaden über den Kraftstoffverbrauch, die CO₂-Emissionen und den Stromverbrauch neuer Personenkraftwagen' (Guideline for fuel consumption, CO₂ emissions and electric power consumption of new passenger cars), which can be obtained free of charge from all dealerships and at <https://www.dat.de/co2>.