

# TECHNICAL SPECIFICATIONS.

## MINI COOPER E.



MINI Cooper E		
Vehicle category		
Drive type		Battery electric vehicle (BEV)
Body		
No. of doors / seats		3 / 4
Length / Width / Height	mm	3858 / 1756 / 1460
Wheelbase	mm	2526
Track front/rear	mm	1538 / 1535
Turning circle	m	10,8
Ground clearance (curb weight)	mm	124
Curb weight DIN/EU <sup>1)</sup>	kg	1540 / 1615
Axle load distribution (unladen) RA	%	41,9
Max. load DIN	kg	450
Maximum laden mass	kg	1990
Maximum laden mass front/rear axle	kg	1040 / 1000
Luggage comp. capacity	l	210 – 800
Air resistance	cW	0,28
Power unit		
Drive concept		Electric drive, transmission of the electric motor's drive torque to the front wheels
Max. system output	kW/PS	135 / 184
Max. system torque	Nm	290
System power-to-weight ratio	kg/kW	11,4
Type of transmission		Automatic transmission, single-speed with fixed ratio
Electric motor		
Motor-Code		HC0001N0
Peak output to ECE R 85	kW/PS	135 / 184
at	min <sup>-1</sup>	5.000
Rated power to ECE R 85	kW/PS	55 / 75
Max. torque	Nm	290
at	min <sup>-1</sup>	0-5.000
Gear ratio	:1	9,303
High-voltage battery		
Storage technology		Lithium-Ion
Installation		Underfloor
Voltage	V	323
Battery capacity	Ah	N/A
Energy capacity, gross	kWh	40,7
Energy capacity, net	kWh	36,6
Charging time, 0 – 100 % charge		5.75 h at 7,4 kW (32 A / 230 V, one-phase AC, Wallbox)
Charging time, 10 – 80 % charge		28 min at 95 kW (DC, fast-charging station)
Charging unit		
Max. charging rate AC, single phase	kW	7,4
Max. charging rate AC, three-phase	kW	11,0
Max. charging rate DC	kW	75

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Driving dynamics and safety		
Suspension, front	Single-joint strut axle in aluminium-steel lightweight construction	
Suspension, rear	Three-link axle in lightweight steel construction	
Brakes, front	Single-piston floating calliper disc brakes, ventilated	
Brakes, rear	Single-piston floating calliper disc brakes, ventilated	
Driving stability systems	Standard: DSC incl. ABS, ARB technology (actuator-related wheel slip limitation), cornering brake assist CBC, brake assist DBC, dry braking function, fading equalisation, hill start assist, hill descent control, trailer stability control	
Safety equipment	Standard: Airbags for driver and front passenger, Side airbags for driver and front passenger, rear side airbags, Three-point automatic seat belts for all seats, front with belt tensioners and belt force limiters, Crash sensors, tyre pressure indicator	
Steering	Electric power steering (EPS) with Servotronic function	
Steering ratio, overall	:1	14
Tyres, front/rear	195/60 R16 93 H XL, 205/50 R17 93H XL	
Rims, front/rear	6,5J x 16 LM, 7Jx17 LM	
Performance		
Acceleration 0–100 km/h	s	7,3
Acceleration 0–60 km/h	s	[ausstehend]
Acceleration 80–120 km/h	s	[ausstehend]
Top speed	km/h	160
Electric power consumption / Range		
Electric power consumption combined (WLTP) <sup>2)</sup>	kWh/100 km	14,3–13,8
Range (WLTP)	km	Up to 402
Emission rating	Electric vehicle	

Specifications apply to ACEA markets/data relevant to homologation applies in part only to Germany (weight)

<sup>1)</sup> Weight of the ready-to-use vehicle (DIN) plus 75 kg for driver and luggage

<sup>2)</sup> depending on the selected tyre size

Official data on fuel consumption, CO2 emissions, power consumption and electric range were determined in accordance with the prescribed measurement procedure and comply with Regulation (EU) 715/2007 as amended. NEDC figures take into account differences in the selected wheel and tyre size in the case of ranges, and any optional equipment in the WLTP.

WLTP values are used for the calculation of taxes and other vehicle-related charges that are (also) based on CO2 emissions and, where applicable, for the purposes of vehicle-specific subsidies. Where applicable, the NEDC values listed were determined on the basis of the new WLTP measurement procedure and converted back to the NEDC measurement procedure for comparability. For vehicles newly type-tested since 1 January 2021, the official data only exists according to WLTP. In addition, according to EU Regulation 2022/195, the NEDC values will no longer be included in the EC certificates of conformity from 1 January 2023. Further information on the WLTP and NEDC measurement methods can be found at [www.mini.de/wltp](http://www.mini.de/wltp) as well as a comparative table on fuel consumption, CO2 emissions and power consumption of all current MINI models at [www.mini.de/de\\_DE/home/footer/wltp.html](http://www.mini.de/de_DE/home/footer/wltp.html).