

# TECHNICAL SPECIFICATIONS. MINI JOHN COOPER WORKS ACEMAN.



MINI JOHN COOPER WORKS ACEMAN		
<b>Vehicle category</b>		
Drive Type		Battery electric vehicle (BEV)
<b>Body</b>		
No. Of doors / seats		5 / 5
Length / Width / Height	mm	4079 / 1754 / 1514
Wheelbase	mm	2606
Track front/rear	mm	1519 / 1515
Turning circle	m	11,1
Ground clearance (curb weight)	mm	143
Curb weight DIN/EU <sup>1)</sup>	kg	1750 / 1825
Axle load distribution (unladen) RA	%	44,6
Max. load DIN	kg	530
Maximum laden mass	kg	2355
Maximum laden mass front/rear axle	kg	1130 / 1190
Max. trailer load braked (12 %) / unbraked	kg	750 / 750
Permissible roof load	kg	75
Luggage comp. capacity	l	300 - 1005
<b>Power unit</b>		
Drive concept		Electric drive, transmission of the electric motor's drive torque to the front wheels
Max. system output	kW/PS	190 / 258
Max. system torque	Nm	350
System power-to-weight ratio	kg/kW	9,2
Type of transmission		Automatic transmission, single-speed with fixed ratio
<b>Electric motor</b>		
Motor-Code		HC0002N0
Peak output to ECE R 85	kW/PS	190 / 258
at	rpm	5.000
Rated power to ECE R 85	kW/PS	75 / 102
Max. torque	Nm	350
at	rpm	50-5000
Gear ratio	:1	9,303
<b>High-voltage battery</b>		
Storage technology		Lithium-ion
Installation		Underfloor
Voltage	V	398,2
Battery capacity	Ah	136
Energy capacity, gross	kWh	54,2
Energy capacity, net	kWh	49,2
Charging time, 0 - 100 % charge		05.30 h at 11 kW (three-phase AC)
Charging time, 10 - 80 % charge		31 min at 95 kW (DC, fast-charging)
<b>Charging unit</b>		
Max. charging rate AC, single phase	kW	7,4
Max. charging rate AC, three-phase	kW	11,0
Max. charging rate DC	kW	95

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<b>Driving dynamics and safety</b>		
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	N/A
Tyres, front/rear	225/40 R19 93 Y XL	
Rims, front/rear	7,5Jx19 LM	
<b>Performance</b>		
Acceleration 0-100 km/h	s	6,4
Acceleration 0-60 km/h	s	[-]
Acceleration 80-120 km/h	s	[-]
Top speed	km/h	200
<b>Electric power consumption / Range</b>		
Electric power consumption combined (WLTP) <sup>2)</sup>	kWh/100 km	16,4-16,0
Range (WLTP)	km	Up to 355
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, CO<sub>2</sub> 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 CO<sub>2</sub> 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, CO<sub>2</sub> 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).