

MINI E SPECIFICATIONS



BODY

MINI E

Number of doors/seats		3/2
Length/width/height (unloaded)	mm inches	3,698/1,683/1,407 145.6/66.3/55.4
Wheelbase	mm inches	2,467 97.1
Track front/rear	mm inches	1,458/1,468 57.4/57.8
Turning circle	m feet	10.7 35.1
Transmission oil incl. axle drive	l	Permanent filling
Curb weight	kg lbs	1,465 3,230
Payload	kg lbs	195 430
Gross vehicle weight rating	kg lbs	1,660 3,660
Cargo space (DIN)	l	60

ENGINE

Type		Electric motor
Motor type		AC Induction Motor
Output	kW/hp	150/201
Torque	Nm	220
Max. RPM (cut off)	min ⁻¹	12,500

ELECTRICAL SYSTEM

Battery capacity	kWh	35kWh, approx. 30kWh of which useable
Battery weight	kg lbs	260 573
Battery charge time in h	at 110 V/12 A (1.3 kW) at 240 V/32 A (7.7 kW) at 240 V/48 A (11.5 kW)	26.5 4.5 3.0
Battery design		53 cells connected in parallel constitute a unit, 2 units connected in series constitute a module, 48 modules connected in series constitute the battery; 5,088 individual cells in total
Battery cooling		Air cooling via temperature-, load- and speed-sensitive fans
Battery location		Extends rearward from the heel plate; replaces the rear seat bench
Peak Battery Current	A	500A

RUNNING GEAR

Front wheel suspension		Single-joint McPherson spring strut axle with anti-dive control
Rear wheel suspension		Longitudinal link with centrally mounted control arms, z axis
Front brakes		Vented disc
Diameter	mm inches	294 11.6
Rear brakes		Disc
Diameter	mm inches	259 10.2
Road stability systems		DSC (Dynamic Stability Control) specially calibrated for MINI E
Steering		Rack and pinion with electronic power steering (EPS)
Total steering transmission ratio	:1	14.1

Type of transmission		Single-stage helical gearbox, derived from the Cooper S helical gearbox
Axle load distribution	front/rear in kg front/rear in lbs	750/715 1,653/1,576
Tires		Runflat 16"

PERFORMANCE RATINGS

Power-to-weight ratio (DIN)	kg/kW	9.76
Acceleration 0–100 km/h (0–62 mph)	s	8.5
Top speed ¹	mph km/h	95.0 152
Range ²	mls (city) mls (city/hwy/comb) km (city) km (city/hwy/comb)	156 under ideal conditions 109/96/104 estimate under normal driving conditions 250 under ideal conditions 175/154/167 estimate under normal driving conditions

CONSUMPTION²

City driving	kWh/mls kWh/km	0.22 0.14
CO ₂	g/mls g/km	0 0

¹ With electronic cut-off.

² Vehicles were tested according to California Test Procedures for 2005 and subsequent Zero-Emission Vehicles, amended December 19, 2003.