

A new Experience – Driving Pleasure Without Emissions: The MINI E.



Body		MINI E
Number of doors/seats		3/2
Length/width/height (unloaded)	mm	3,714/1,683/1,407
	inches	146.2/66.3/55.4
Wheelbase	mm	2,467
	inches	97.1
Track front/rear	mm	1,453/1,461
	inches	57.2/57.5
Turning circle	m	10.7
	feet	35.1
Transmission oil incl. axle drive	l	Permanent filling
Curb weight	kg	1,465
	lbs	3,230
Payload	kg	195
	lbs	430
Gross vehicle weight rating	kg	1,660
	lbs	3,656
Cargo space (DIN)	l	60
Engine		
Type		Electric motor
Motor type		Asynchronous motor
Output	kW/hp	150/204
Torque (from idle)	Nm	220
Max. RPM (cut off)	min ⁻¹	12,500
Electrical System		
Battery capacity	kWh	35kWh, approx. 28kWh of which useable
Battery weight	kg	260
	lbs	573
Battery charge time in h	at 110 V/12 A (1.3 kW)	23.6
	at 240 V/32 A (7.0 kW)	4.4
	at 240 V/48 A (10.6 kW)	2.9
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 current	A	Short bursts of up to 900A

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	294
	inches	11.6
Rear brakes		Disc
Diameter	mm	259
	inches	10.2
Road stability systems		DSC adapted to modified curb weight and wheel load (always on), low-friction recuperation control via DSC, ELUP (electronic underpressure pump) brake boost
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	750/715
	front/rear in lbs	1,651/1,575
Tires		All-season 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	95.0
	km/h	152
Range (FTP 72) ²	mls	150
	km	240

Consumption (FTP 72)

Total	kWh/mls	0.19
	kWh/km	0.12
CO ₂	g/mls	0
	g/km	0

¹ With electronic cut-off.

² US Federal Test Procedure, also referred to as UDDS (Urban Dynamometer Driving Schedule).