

# CREATIVE USE OF SPACE.

SINCE 1959



## SPECIFICATIONS.

| <b>BODY</b>                       |                            | <b>MINI E</b>   |
|-----------------------------------|----------------------------|---|
| Number of doors/seats             |                            | 3/2   |
| Length/width/height<br>(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  |
| <b>ENGINE</b>                     |                            |   |
| Type                              |                            | Electric motor  |
| Motor type                        |                            | Asynchronous motor  |
| Output                            | kW/hp                      | 150/204   |
| Torque (from idle)                | Nm                         | 220   |
| Max. RPM (cut off)                | min <sup>-1</sup>          | 12,500  |
| <b>ELECTRICAL SYSTEM</b>          |                            |   |
| 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<br>(1.3 kW)  | 23.6  |
|                                   | at 240 V/32 A<br>(7.0 kW)  | 4.4   |
|                                   | at 240 V/48 A<br>(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  |



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## 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 <sup>1</sup>             | mph   | 95.0 |
|                                    | km/h  | 152  |
| Range (FTP 72) <sup>2</sup>        | mls   | 150  |
|                                    | km    | 240  |

## CONSUMPTION (FTP 72)

|                 |         |      |
|-----------------|---------|------|
| Total           | kWh/mls | 0.19 |
|                 | kWh/km  | 0.12 |
| CO <sub>2</sub> | g/mls   | 0    |
|                 | g/km    | 0    |

<sup>1</sup> With electronic cut-off.

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