beemobs

Bee 1 Electric Mini Cargo Vehicle

Motor

Type: 6 Phase, PMSM
Nominal Power: 6 kW
Maximum Power: 7.5 kW
Maximum Torque: 80 Nm

Battery

Type: Lithium-ion, LFP
Nominal Voltage: 76.8 V
Capacity: 7.7 Ⅰ 10.4 Ⅰ 15.4 kWh
Charging Time (AC): 3.5 hours (220V household socket)
Battery Lifetime: > 3.000 cycles / 5 yr

Suspension System

Front Suspension: McPherson type independent, helical spring
and oil shock absorber
Rear Suspension: Rigid axle with differential, helical spring and
oil shock absorber
Anti-roll Bar: at front axle
Gear Ratio: 1:8.1

Steering System

Type: Rack and pinion type, ± 1.4 turn
Turning Radius: 4.6m

Brake System

Type: Hydraulic, vacuum booster
Front Axle: Ø200mm disc
Rear Axle: Ø210mm drum

Chassis and Body

Chassis: St52 steel frame, cataphoresis coated
Body: Painted composite panels

Tyres

Front Axle: 145/70 R13
Rear Axle: 155/65 R13

Rims

Size: 13" 5J

Performance

Maximum Speed: 55 km/h
Maximum Grade: 25% (full loaded)
Range: 70 Ⅰ 100 Ⅰ 150 km (half loaded)
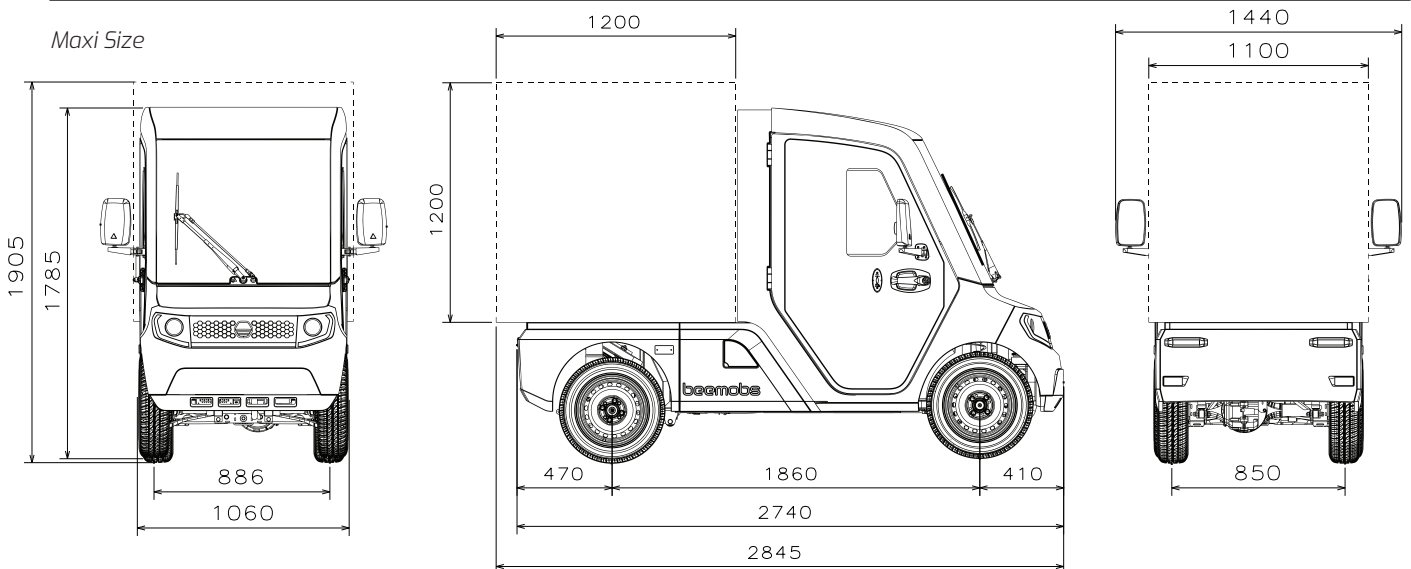
Capacity

Passenger Capacity: 1+0
Maximum Load Volume: 1.150 L (standard) Ⅰ 1.350 L (maxi)
Maximum Payload: 350 kg (w load box)
Curb Vehicle Weight: 575 kg
Gross Vehicle Weight: 1.000 kg

Standard Equipment List

5" Digital Cluster
Remote Door Control System
Windshield Wiper System
Windshield Resistance
Adjustable Driver Seat
Interior Lamp
Double Side Sliding Window
12V USB-A and USB-C Outlet
Halogen Low-High Beam
Led Front Positon and Direction Lamp
Multifunctional Rear Lamp
3-point Seat Belt and Sensor
Mechanical Steering Lock
Horn
Reverse Buzzer
Towing Hook
Tire Repair Kit
Body Paint: White

Optional Equipment List

Electronically Controlled 2 Speed Gearbox
Headrest (Driver Seat)
Electric Cabin Heater
Electric Air Conditioner
Spare Tyre
Rear Anti-roll Bar
Reverse Camera
Fast Charge (< 2 hours, 220V household socket)
Body Paint: Customer spec
Cargo Ⅰ Pick-up Ⅰ Special Type Loadbox

Maxi Size

Beemobs reserves the right to change the technical specifications of the products without prior notice. (March 2022).