

Compact Electric City Car

This compact electric car is designed for urban environments, offering a blend of efficiency and practicality. Its dimensions are 2560x1280x1600mm, with a turning radius of less than 4 meters.



Overview

Compact Urban Mobility

This compact electric city car is engineered for efficient urban transportation, offering a balance of maneuverability and reliability. With a 4000W motor and a range exceeding 100km per charge, it is well-suited for short-distance commuting and city navigation. Its small footprint and tight turning radius allow for easy parking and handling in congested environments.

Dimensions & Chassis

Dimensions

2560 mm

Length

1280 mm

Width

1600 mm

Height

Wheelbase & Tread

Specification	Value
Wheelbase	1700mm
Front Tread	1100mm
Rear Tread	1100mm

Performance

Performance Metrics

- Max Speed: 50km/h
- Grade Ability: 25 degrees
- Turn Radius: <4m
- Brake Distance: <7.5m at 30km/h

Electrical System

Motor & Electrical

4000 W

Motor Power

48 V

System Voltage

350 A

Controller Current

Battery & Charging

- Battery Configuration: 6V 210AH x 8
- Charger: 48V 25A
- Charging Time: <10 hours
- Distance per Charge: >100km

Technical Details

Weight & Braking

- Net Weight: 763.4kg
- Brake Type: Drum

Tire Specifications

145/70 R12 (Front and Rear)