

Compact Electric Car with Cargo Bed

This compact electric car is designed for urban environments and provides a clean energy alternative with zero emissions. It features a lightweight chassis and a functional pickup bed suitable for light cargo.



Overview

Compact Electric Utility Vehicle

This compact electric car is designed for efficient urban mobility and light cargo transport. Featuring a robust 4000W electric motor and a reliable battery system, it offers a practical solution for delivery services or personal use in restricted spaces. With a range exceeding 100km per charge and a functional cargo bed, it combines sustainability with versatile utility.

Performance

Key Performance Metrics

50 km/h
Max Speed

100 km
Range per Charge

25 degree
Grade Ability

Braking Performance

Drum type brakes with a stopping distance of less than 7.5m at 30km/h

Technical Specifications

Dimensions & Geometry

Parameter	Value
Overall Dimensions	2560 x 1280 x 1600 mm
Wheelbase	1700 mm
Front/Rear Tread	1100 mm
Turning Radius	< 4 m

Net Weight

763.4 kg

Electrical System

Motor & Controller

- Motor: 48V 4000W
- Controller: 350A
- System Voltage: 48V DC

Battery & Charging

- Battery: 6V 210AH x 8 units
- Charger: 48V 25A
- Charging Time: < 10 hours

Chassis & Wheels

Tire Specifications	145/70 R12 (Front and Rear)
Vehicle Features	Cargo Bed, Electric Drive, Urban Compact