

# 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