

4.5 Ton Lithium Battery Electric Cargo Truck

This 4.5-ton electric truck is equipped with a lithium battery for zero-emission operation. It offers a cost-effective and environmentally friendly solution for urban transportation.



ADDITIONAL IMAGES



Overview

High-Efficiency 4.5 Ton Electric Cargo Solution

The QX5040EV is a pure lithium battery electric truck designed for high-performance urban logistics with zero emissions and low noise operation. Engineered for the European and American markets, it offers a sustainable alternative to fuel vehicles with significantly lower operating costs—approximately 26% of traditional fuel expenses. This 4.5-ton truck features advanced energy recovery during braking and downhill driving to maximize efficiency and endurance.

Key Features

Pure Electric, Zero Emission, Low Noise, Green Technology, Regenerative Braking

Performance Metrics



Rigorous road testing is conducted on every unit to ensure operational reliability before delivery.

Performance Highlights

90 KM/H
Max Speed

300 KM
Max Endurance

26 %
Gradeability

0-50km/h Acceleration

10-15 Seconds

Min. Turning Radius

7 m

Dimensions & Weight

Vehicle Dimensions

Parameter	Value
Overall LxWxH	5900x2050x2790 mm
Wheelbase	3300 mm
Front/Rear Overhang	1100 / 1650 mm
Ground Clearance	200 mm

Weight Specifications

Type	Weight	Unit
Gross Weight	4495	KG
Curb Weight (No Box)	2805	KG

Powertrain

Motor Specifications

- Type: Permanent Magnet Synchronous Motor
- Peak Power: 134kw (Rated: 75kw)
- Peak Torque: 720 N·m (Rated: 358 N·m)
- Max RPM: 4000 rpm

Battery Type	Ternary Lithium Battery
Rated Battery Power	72.1 KWh

Chassis & Safety



Pre-delivery rain and wash testing to verify cabin sealing and electrical protection.

Axle Loading Capacity

- Front Axle: 1800 KG
- Rear Axle: 3500 KG
- Rear Axle Ratio: 6.167

Tyre Specification

6.50R16LT 12PR

Braking System	Integral hydraulic four-channel ABS (Front Disc / Rear Drum)
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Supply & Logistics

Available Shipping Formats

- CBU (Completely Built Up): Bare/Naked via RO-RO
- SKD (Semi Knocked Down): Specialized export frames/brackets
- CKD (Completely Knocked Down): Anti-corrosion iron frame packing
- OEM/Customized packing available

Primary Export Ports

Wuhan, Shanghai