

AGV Lithium Iron Phosphate Battery Pack

Lithium iron phosphate battery pack designed for automated guided vehicles. It features fast charging, a self-heating system, and a wide working temperature range.



Product Overview

High-Performance AGV Power Solutions

This lithium iron phosphate (LiFePO4) battery pack is engineered specifically for the rigorous demands of Automated Guided Vehicles (AGVs). Designed to maximize vehicle uptime and range, it supports fast charging and operates reliably in extreme temperatures ranging from -20°C to 60°C. The system includes an integrated battery management system and self-heating capabilities to ensure consistent performance across diverse environments like airports, seaports, and warehouses.

Technical Specifications

Available Voltage Configurations

Voltage (V)	Capacity (Ah)
24V	40Ah, 60Ah
48V	60Ah, 100Ah, 120Ah

Key Performance Metrics

1 hour Fast Charge Time	-20 °C Min Operating Temp	60 °C Max Operating Temp
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Features

Key Features	Self-heating system, Fast charging, LiFePO4 Chemistry, Integrated BMS, High power discharge
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Applications

Suitable Environments

- Airports
- Seaports
- Warehouses
- Workshops
- Public locations