

48V 60Ah LiFePO4 Battery Pack for Robotics

This LiFePO4 battery pack has a long lifespan, exceeding 3000 cycles. It is equipped with a communication port and wiring for installation.



Product Overview

High-Performance Robotics Power Solution

This 48V 60Ah LiFePO4 battery pack is specifically engineered for high-demand robotic applications requiring consistent and reliable energy. With a robust design that supports high discharge currents and a long life span exceeding 3000 cycles, it is built for durability in professional environments. Integrated advanced BMS protection ensures safe operation, providing peace of mind during intensive usage.

Technical Specifications

Cycle Life

3000 cycles
Expected Life Cycles

Nominal Voltage	48 V
Nominal Capacity	60 Ah

Operational Environment

Charge Temperature Range	0 to +55
Discharge Temperature Range	-30 to +60

Safety & Management

Integrated BMS Features

- Over charge detection
- Over discharge detection
- Short circuit protection
- Over temperature protection

Connectivity

Communication	Communication Port, Wire Interface
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