

# 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 |
|---------------|------------------------------------|