



Energy Storage Lifepo4 Lithium Battery Batterie Lifepo4 48V 2.4KWH

Our Product Introduction

Basic Information

- Place of Origin: Hubei, China
- Brand Name: SYEV/OEM/ODM
- Certification: CE ROHS
- Model Number: SY4850F02-HMO
- Minimum Order Quantity: 10pcs
- Price: USD1000~1500
- Packaging Details: Carton
- Delivery Time: 5~8 work days
- Payment Terms: L/C, T/T, Western Union
- Supply Ability: 1000pcs/month



Product Specification

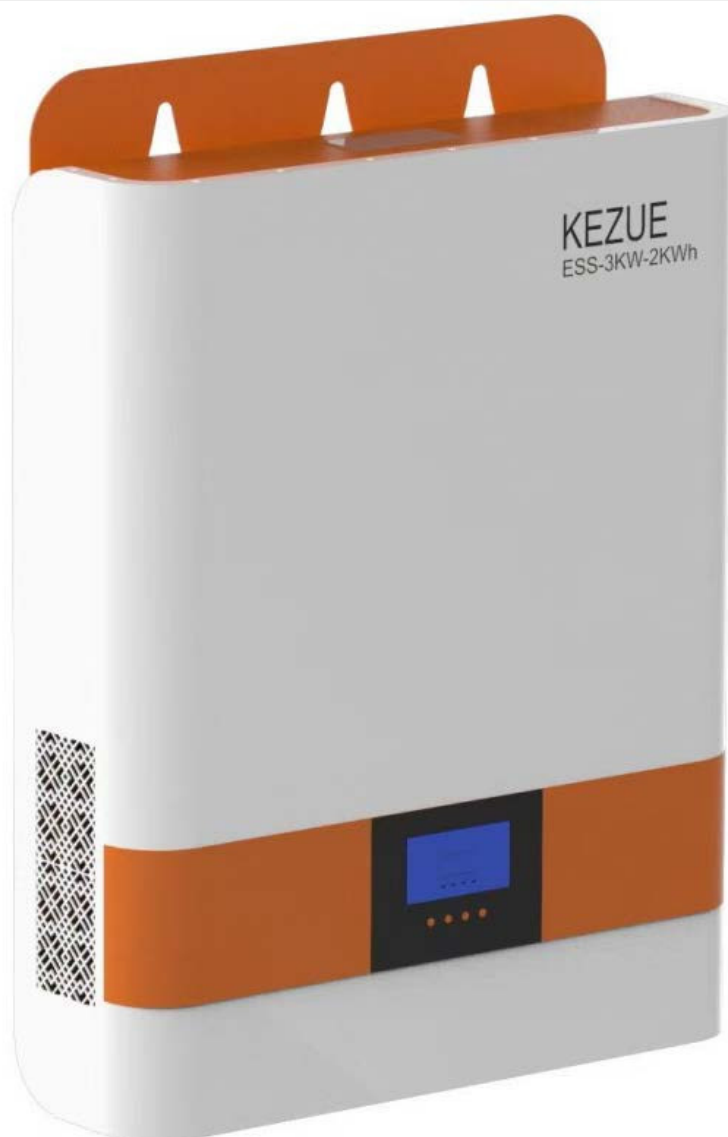
- Battery Type: Lithium Iron Phosphate Batteries Pack
- Norminal Capacity: 2.4KWh, 50Ah
- Norminal Voltage: 48V
- Circle Life: ≥ 6000 Cycles @0.3C/0.3C
- Shell Material: Metal Sheet Shell
- Battery Size: 500*640*156mm
- Pack Weight: 50kg
- Protect Grade: IP55
- Highlight: **48V Lifepo4 Lithium Battery ,
2.4KWH Lifepo4 Lithium Battery ,
Lithium batterie lifepo4 48v**

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Product Description

Energy storage System LiFePO4 48V 2.4KWH Battery Pack Power Storage System

Product HD picture



Products Detailed Specification

Electrical Characteristics		Charging Parameters	
Nominal Voltage (V)	48V	Charge Voltage（V）	54V
Nominal Capacity（Ah）	50Ah@0.3C	Charge Current（A）	30A（Recommend）
Nominal Capacity (KWh)	2.4KWh	Max Charge Current（A）	50A
Cycle Life	≥6000 Cycles @0.3C/0.3C	Peak Charge Current（A）	100A
Serial Number	1551P	Charging Mode	Constant Current / Constant Voltage
Communication Port	RS485/CAN		
Discharge Parameters		Operating Environment	
Discharge Cut-off Voltage	45V	Charge Temperature	0℃ to 55℃
Discharge Current	50A（Recommended）	Discharge Temperature	-20℃ to 60℃
Max Discharge Current	100A	Storage Temperature	0℃ to 40℃

Product Features:

- Use safer lithium iron phosphate batteries(LiFePO4)
- Integrated Intelligent Battery Management System (BMS):
 - Prevent overcharge, overdischarge, and high current inside the battery to ensure battery safety and reliability.
 - Balance each battery to extend battery life.
 - With RS485 and CAN communication interfaces, it can meet the communication needs of different devices
- With LCD display to display detailed battery parameters
- Compatible with most inverters on the market
- Mainly used in home energy storage system,support OEM/ODM

Using Note:

1. The charging voltage of the battery shall not exceed the parameters in the specification
2. When the battery is in use, the discharge voltage shall not be lower than the parameters in the specification, otherwise the low voltage protection may be triggered
3. The charging current and discharging current of the battery shall not exceed the parameter range of the specification, otherwise the battery may be damaged

Factory Tourist



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