



## Rack Mounted LifePO4 Lithium Battery 48V 100Ah Storage Battery for Home

Our Product Introduction

### Basic Information

- Place of Origin: Hubei, China
- Brand Name: SYEV/OEM/ODM
- Certification: CE FCC
- Model Number: SY48100F1-3U
- Minimum Order Quantity: 10pcs
- Price: USD300~500
- Packaging Details: Carton
- Delivery Time: 5~8 work days
- Payment Terms: L/C, T/T, Western Union
- Supply Ability: 1000pcs/month



### Product Specification

- Product Type: Lifepo4 Lithium Battery
- Nominal Voltage: 51.2V
- Nominal Capacity: 100Ah
- Nominal Capacity (KWh): 5.12KWh
- Cycle Life:  $\geq 6000$  Cycles @0.3C/0.3C
- Communication Port: RS485/CAN
- Charge Voltage(V): 57.6V
- Charge Current(A): 30A(Recommend)
- Charge Temperature: 0 To 55
- Battery Size: 483 L \*450 W \*134 H mm
- Pack Weight: 42kg
- Highlight: LifePO4 Lithium Battery 48V 100Ah,  
5.12KWh LifePO4 Lithium Battery,  
LifePO4 Rack Mounted Battery

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## Product Description

### Rack Mounted LifePO4 Lithium Battery 48V 100Ah Storage Battery for Home Use

#### Products Detailed Specification

Electrical Characteristics		Charging Parameters	
Nominal Voltage (V)	51.2V	Charge Voltage(V)	57.6V
Nominal Capacity(Ah)	100Ah@0.3C	Charge Current(A)	30A(Recommend)
Nominal Capacity (KWh)	5.12KWh	Max Charge Current(A)	50A
Cycle Life	≥6000 Cycles @0.3C/0.3C	Peak Charge Current(A)	100A
Serial Number	16S1P		
Commnication Port	RS485/CAN	Charging Mode	Constant Current/ Constant Voltage
Discharge Parameters		Operating Environment	
Discharge Cut-off Voltage	46.4V	Charge Temperature	0 to 55
Discharge Current	50A(Recommended)	Discharge Temperature	-20 to 60
Max Discharge Current	100A	Storage Temperature	0 to 40

#### 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

#### Product HD picture





#### Product Features:

# 12V SERIES Big Capacity LifePO4 Battery

专业定制应用广泛

VARIOUS

SMALL SIZE

LONG LIFE



PRODUCT 12V50AH



PRODUCT 12V150AH



PRODUCT 12V200AH



PRODUCT 12V250AH



PRODUCT 12V300AH

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