



## 48V 150Ah 7.8KWh LFP Battery Rack Mounted LifePO4 Lithium Battery with RS485 Communication Port

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: 150Ah
- Nominal Capacity (KWh): 7.68KWh
- 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: 483mm\*450mm\*177mm
- Pack Weight: 63kg
- Highlight: **7.8KWh LFP Battery,  
Rack Mounted LifePO4 Lithium Battery,  
RS485 Communication Port LFP Battery**

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## Product Description

### 48V 150Ah 7.8KWh LFP Battery Rack Mounted LifePO4 Lithium Battery with RS485 Communication Port

#### Products Detailed Specification

| Electrical Characteristics |                         | Charging Parameters    |                                    |
|----------------------------|-------------------------|------------------------|------------------------------------|
| Nominal Voltage (V)        | 51.2V                   | Charge Voltage(V)      | 57.6V                              |
| Nominal Capacity(Ah)       | 150Ah@0.3C              | Charge Current(A)      | 30A(Recommend)                     |
| Nominal Capacity (KWh)     | 7.68KWh                 | 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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FOCUSED ON LITHIUM BATTERY MANUFACTUREING AND CUSTOMIZED



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