



## LiFePO4 Energy Storage Battery for UPS solar battery storage system Energy-Saving Design

Our Product Introduction

for more products please visit us on [enookbattery.com](http://enookbattery.com)

### Basic Information

- Place of Origin: china
- Brand Name: enook
- Certification: IC
- Model Number: 51.2V 100A
- Minimum Order Quantity: 1
- Price: 500~900



### Product Specification

- Estimate Weight: 53kg
- Thickness: 258±2mm
- Internal Resistance mΩ :≤20
- Cycle Life: ≥2500 Cycles 80% Normal Temperature Below 25
- Nominal Voltage: 51.2V
- Width: 510±2mm(excluding Ears)
- Working Environment: Charging Temperature 0 ~55 Discharge Temperature -20 ~60
- Battery Type: LiFePO4



### More Images



#### APPLICATIONS

##### Product use area



#### PRODUCT DIS

##### Multi-angle



### Product Description

#### Product Description:

Server Rack Battery

The Server Rack Battery is a high-performance battery designed specifically for use in server racks. It is a powerful and reliable energy source that is perfect for powering critical equipment in data centers and other server environments.

#### Working Environment

The Server Rack Battery is designed to operate in a wide range of temperatures. It has a charging temperature range of 0 ~55 °C and a discharge temperature range of -20 ~60 °C. This ensures that the battery can function optimally in both hot and cold environments.

#### Color

The Server Rack Battery comes in a sleek black color, giving it a professional and modern look. It is the perfect addition to any server rack, seamlessly blending in with other equipment.

#### Length

The Server Rack Battery has a length of 567±2mm. This makes it compact enough to fit easily into server racks without taking up too much space. The compact size also makes it easy to transport and install.

#### Internal Resistance

The internal resistance of the Server Rack Battery is ≤20 mΩ. This low internal resistance ensures that the battery can deliver power efficiently and effectively, making it suitable for high-performance applications.

#### Battery Type

The Server Rack Battery is a LiFePO4 battery. This type of battery is known for its long lifespan, high energy density, and excellent safety features. It is a reliable and durable choice for powering critical equipment.

48V 51.2V 100Ah 200Ah 230Ah 5KW 10KW

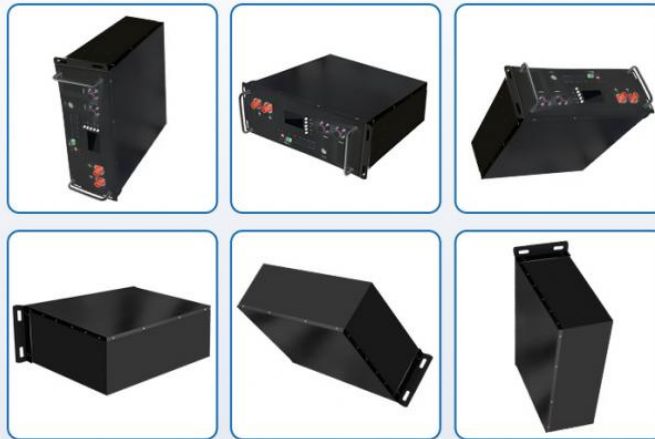
The Server Rack Battery is available in various configurations to meet different power requirements. It can provide 48V, 51.2V, 100Ah, 200Ah, or 230Ah of power, making it suitable for a wide range of applications. It is also capable of delivering 5KW or 10KW of power, making it a high-performance battery for demanding tasks.

#### Summary

The Server Rack Battery is a powerful, compact, and reliable battery designed for use in server racks. With its wide operating temperature range, low internal resistance, and long lifespan, it is the perfect choice for powering critical equipment in data centers and other server environments. Available in various configurations, it can meet different power requirements and deliver high performance. Choose the Server Rack Battery for a dependable and efficient energy source for your server rack.

## PRODUCT DISPLAY

### Multi-angle



### Applications:

Enook Server Rack Battery

Brand Name: Enook

Model Number: 51.2V 100A

Place of Origin: China

Certification: IC

Minimum Order Quantity: 1

Price: \$500~\$900

Battery Type: LiFePO4

Width: 510±2mm (excluding Ears)

Length: 567±2mm

Cycle Life: ≥2500 Cycles 80% Normal Temperature Below 25

Estimate Weight: 53kg

Enook Server Rack Battery is the perfect solution for high-performance energy storage systems. It is designed with advanced LiFePO4 technology, ensuring longer cycle life and higher energy density. With its compact size and lightweight design, it can easily fit into server racks without taking up too much space.

Equipped with a Smart BMS System, Enook Server Rack Battery provides reliable and efficient power management, making it suitable for a wide range of applications. It is commonly used in data centers, telecommunication facilities, and other industries that require uninterrupted power supply.

The Enook Server Rack Battery is available in various models, including 48V, 51.2V, 100Ah, 200Ah, and 230Ah, with power ratings of 5KW and 10KW. This flexibility allows for customization according to different energy storage needs.

#### Key Features:

High-performance lithium iron phosphate battery

Suitable for server racks

Smart BMS System for efficient power management

Long cycle life of ≥2500 cycles at 80% depth of discharge

Compact size and lightweight design

Available in different models and power ratings

# APPLICATIONS

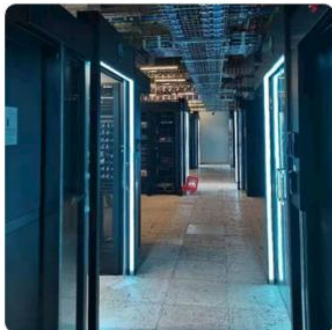
## Product use area



**Outdoor Camping**



**RV Energy Storage**



**UPS**



**Home Back Up Electricity**



**Street Lights**



**Solar**

### Key Features:

High-quality 48V 100AH Lifepo4 battery pack for efficient and reliable performance

Rack-mounted design for easy installation and space-saving

Available in various capacities: 51.2V 100Ah, 200Ah, 230Ah and power ratings: 5KW, 10KW, 15KW, 20KW, 25KW, 30KW

IC certified for safety and quality assurance

Long cycle life of  $\geq 2500$  cycles at 80% discharge, even at normal temperature below 25

Customizable according to specific requirements and applications

Enook Server Rack Battery provides the most reliable and efficient power supply solution for your server racks. With our customization service, we can tailor our 51.2V 100A batteries to meet your specific needs and ensure seamless integration with your existing systems. Contact us now to learn more about our customization options and get a quote for your project.

High Quality and full capacity

# ENERGY STORAGE LITHIUM BATTERY

**Lithium iron phosphate battery**

**Support customization**

**Various size, capacity and voltage**



## **Packing and Shipping:**

Packaging and Shipping of Server Rack Battery

The Server Rack Battery is carefully packaged to ensure safe and secure delivery to our customers. Our packaging process follows strict guidelines to protect the product during transportation and minimize any potential damage.

### **Packaging Process:**

First, the Server Rack Battery is wrapped in a protective layer of plastic to prevent any scratches or damage to the surface.

Next, the battery is placed in a sturdy cardboard box with additional padding to absorb any shocks or impacts during shipping.

The box is then sealed with heavy-duty tape to ensure it stays closed and secure during transit.

Finally, the box is labeled with the product name, specifications, and handling instructions for easy identification and handling.

### **Shipping Methods:**

We offer various shipping options to meet the diverse needs of our customers. Our shipping partners are trusted and reliable, ensuring timely and safe delivery of our products.

**Standard Ground Shipping:** This is our most affordable option, with delivery within 3-5 business days.

**Expedited Shipping:** For urgent orders, we offer expedited shipping with delivery within 1-2 business days.

**International Shipping:** We ship our products worldwide using trusted international carriers, with delivery times varying depending on the destination.

At Server Rack Battery, we take great care in packaging and shipping our products to ensure they reach our customers in perfect condition. If you have any questions or concerns about our packaging and shipping process, please don't hesitate to contact us.



## PACKAGING



## Shipping by



**Professional suggestion to choose the best shipping delivery (Such as EMS DHL TNT UPS and FEDEX) for your commodities according to your demand.**

## FAQ



### Q1: When are you available?

A1: 24 hours online every day, messages will be replied once received.



### Q2: What's your main products?

A2: Lithium battery, Lipo battery, LiFePO4 battery, battery packs, etc. For cylinder battery.



### Q3: How is the quality of the products?

A3: 1. Always provide the premium authentic products, never fake.  
2. Only provide A Grade cells



### Q4: Do you provide the OEM&ODM service?

A4: Yes, we are experienced factory can provide OEM & ODM services.



### Q5: How do we place an order?

A5: Step1. Contact us  
Step2. Confirm products you need, the price and other details  
Step3: We make PI(Proforma Invoice) for you to make payment  
Step4: Payment finished  
Step5: Payment checking by our accountant  
Step5: Products packed and shipped (tracking number will be provided once shipped out)  
Step6: Customer get the products and feedback



### Q6: What's the lead time?

A6: 1. Sample orders: 1-3 working days  
2. Bulk orders: 3-7 working days according to different quantities  
3. OEM: 7-12 working days on receipt of sample confirmation





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