

## 51.2V LiFePO4 Enook Lithium Iron Phosphate Battery Rack Mounted Server Batteries

Our Product Introduction

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

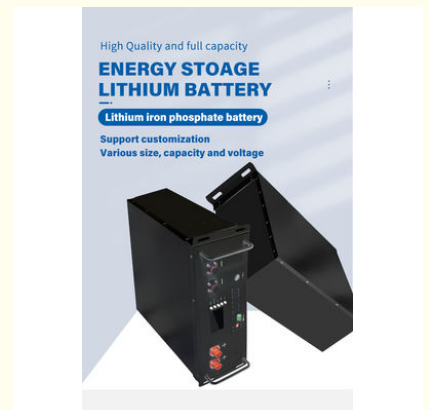
### Basic Information

- Place of Origin: china
- Brand Name: enook
- Certification: IC
- Model Number: 51.2V 100A
- Minimum Order Quantity: 1
- Price: 900~1900



### Product Specification

- Width: 510±2mm(excluding Ears)
- Length: 567±2mm
- Nominal Voltage: 51.2V
- Estimate Weight: 53kg
- Color: Black
- Working Environment: Charging Temperature 0 ~55 Discharge Temperature -20 ~60
- Battery Type: LiFePO4
- Cycle Life: ≥2500 Cycles 80% Normal Temperature Below 25
- Highlight: **LiFePO4 Lithium Iron Phosphate Battery, Rack Mounted Server Rack Battery, 51.2V Server Rack Battery**



### More Images



## Product Description

### Product Description:

One of the key features of this battery is its impressive cycle life of over 2500 cycles at 80% normal temperature below 25 . This makes it a cost-effective and efficient choice for those seeking a battery with longevity and durability.

The Server Rack Battery is also designed to perform in a wide range of working environments. It can be charged in temperatures ranging from 0 to 55 and discharged in temperatures from -20 to 60 , making it suitable for use in a variety of different settings and applications. This energy storage battery is available in different capacities, including 100Ah, 200Ah, and 230Ah, making it easy to choose the right size for your specific needs. It can also provide up to 5KW or 10KW of power, depending on the capacity chosen, ensuring that your critical systems stay up and running at all times.

The Server Rack Battery is also designed with convenience in mind. It has a width of 510±2mm (excluding ears) and an estimated weight of 53kg, making it easy to install and maintain.

Overall, the Server Rack Battery is a reliable, efficient, and cost-effective energy storage solution for those in need of a high-performance battery for their UPS systems. Whether you require a battery for commercial or industrial use, this energy storage battery is sure to meet your needs and exceed your expectations.

Model	1	2	3
Nominal Voltage	51.2V	51.2V	51.2V
Nominal Capacity	120Ah	230Ah	304AH
Energy	5120Wh	11776Wh	15360wh
Series or Parallel Connection	16S1P	16S1P	16S1P
Maximum Charge Current	100A	200A	200A
Charge Current (-20 to -10 °C)	≤0.05C	≤0.05C	≤0.05C
Recommended Charge Voltage	56V-57.6V	56V-57.6V	56V-57.6V
BMS Charge Voltage Cut-Off	57.6V (3.75±0.025vpc)	57.6V (3.75±0.025vpc)	57.6V (3.75±0.025vpc)
Reconnect Voltage	54.6V (3.34 ±0.05vpc)	54.6V (3.34 ±0.05vpc)	54.6V (3.34 ±0.05vpC)
Dimensions (L x W x H)	440*435*222mm (17.3x17.1x8.74")	480*248*618mm	475*255*770mm
Weight	70KG with wooden packing	120KG with wooden packing	150KG with wooden packing
Communication Interface	RS485 (Optional)	RS485 (Optional)	RS485/CAN (Optional)
Case Material	Metal	Metal	Metal
Enclosure Protection	IP54	IP54	IP54
Maximum Continuous Discharge Current	100A	200A	200A
BMS Discharge Current Cut-Off	100A	200A	200A
Reconnect Voltage	45V	45V	45V
Discharge Temperature	-20 to 60°C (-4 to 140 °F)	-20 to 60°C (-4 to 140 °F)	-20 to 60°C (-4 to 140 °F)
Charge Temperature	0 to 45°C (32 to 113 °F)	0 to 45°C (32 to 113 °F)	0 to 45°C (32 to 113 °F)



### Features:

Product Name: Server Rack Battery

Working Environment:

Charging Temperature: 0 ~55

Discharge Temperature: -20 ~60

Nominal Voltage: 51.2V

Estimate Weight: 53kg

Thickness: 258±2mm

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

Features:

Enook lithium iron phosphate battery

Energy Storage Battery for UPS

High Quality and full capacity

# ENERGY STORAGE LITHIUM BATTERY

**Lithium iron phosphate battery**

**Support customization**

**Various size, capacity and voltage**



## Applications:

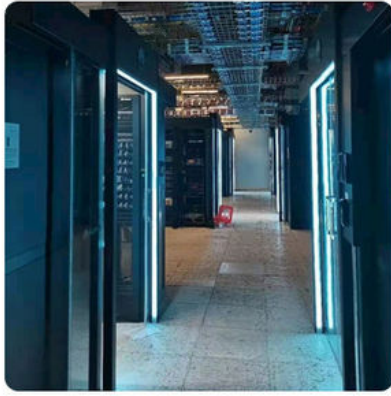
The enook Server Rack Battery is perfect for use in data centers, server rooms, and other critical facilities that require uninterrupted power supply. It is specifically designed to provide backup power to critical loads during power outages, ensuring that your important equipment remains operational even during extended blackouts. With a nominal voltage of 51.2V, this battery pack is capable of delivering high levels of power for extended periods of time.

One of the key features of this Server Rack Battery is its compact size. Measuring just  $258\pm 2\text{mm}$  in thickness and  $567\pm 2\text{mm}$  in length, this battery pack is easy to install in standard server racks. Its black color also makes it a visually appealing addition to any server room or data center.

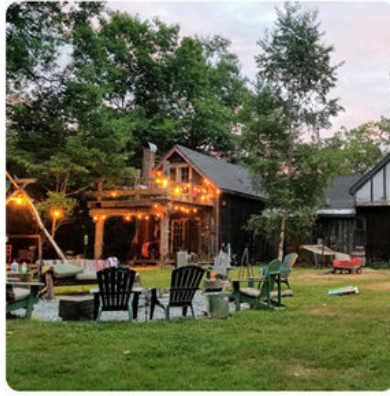
The enook Server Rack Battery is available at a competitive price range of 900~1900, and has a minimum order quantity of 1. This makes it an affordable and accessible option for businesses of all sizes. Whether you are looking to upgrade your existing UPS system or install a new one, the enook Server Rack Battery is an excellent choice.

In conclusion, the enook 51.2V 100A Server Rack Battery is a reliable and high-performance energy storage battery that is suitable for a wide range of applications. Its compact size, black color, and high-quality LiFePO4 battery technology make it an ideal choice for use in data centers, server rooms, and other critical facilities. If you are looking for an Energy Storage Battery for UPS, then the enook Server Rack Battery is definitely worth considering.





**UPS**



**Home Back Up Electricity**



**Sreet Lights**



**Solar**

### **Customization:**

The working environment of the battery is as follows: Charging Temperature:0 ~55 Discharge Temperature:-20 ~60 . With our customization services, you can tailor the battery to your specific needs. Whether you need a 48V 100AH Lifepo4 battery pack or a different configuration, we can help you meet your needs.

# PRODUCT DISPLAY

## Multi-angle



### Packing and Shipping:

Product Packaging:

Server Rack Battery

Installation manual

Mounting hardware

Warranty information

Shipping:

Shipping weight: 50 lbs.

Shipping dimensions: 24" x 24" x 12"

Shipping carrier: UPS

Estimated delivery time: 3-5 business days

## PACKAGING

### 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.



# CERTIFICATES



**OUR CERTIFICATES GIVE YOU RELIABLE  
SUPPORT FOR YOUR ORDERS**



**Changsha Enook Technology Co., Ltd**



+8617752866093



wendy@enooktech.com



enookbattery.com

ROOM 1717, JIEZUO BUILDING, NO. 828, SECTION 1, FURONG SOUTH ROAD, TIANXIN DISTRICT,  
CHANGSHA, HUNAN