



48V 51.2v Energy Storage Stackable Battery 100AH 200ah 300ah 10kw 20kw Server Rack Battery

Our Product Introduction

for more products please visit us on 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

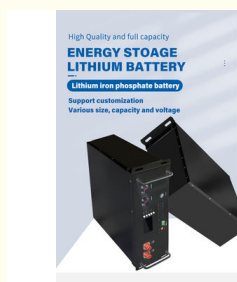


Product Specification

- Internal Resistance $m\Omega$: ≤ 20
- Width: 510 \pm 2mm(excluding Ears)
- Thickness: 258 \pm 2mm
- Estimate Weight: 53kg
- Cycle Life: ≥ 2500 Cycles 80% Normal Temperature Below 25
- Color: Black
- Nominal Voltage: 51.2V
- Working Environment: Charging Temperature 0 ~55 Discharge Temperature -20 ~60
- Highlight: 51.2v Energy Storage Stackable Battery,
20kw Server Rack Battery,
10kw Server Rack Battery



More Images



Product Description

Product Description:

The Enook lithium iron phosphate battery has a low internal resistance of $\leq 20\text{m}\Omega$, ensuring high efficiency and long-lasting performance. The battery comes in black, making it a sleek and stylish addition to your server racks. Its dimensions are $567\pm 2\text{mm}$ in length and $510\pm 2\text{mm}$ in width (excluding ears), making it a perfect fit for most server racks.

The Enook lithium iron phosphate battery is designed to work in a wide range of environments. It has a charging temperature range of $0\sim 55^\circ\text{C}$ and a discharge temperature range of $-20\sim 60^\circ\text{C}$. This makes it suitable for use in various settings, whether in a cold data center or a warm server room.

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)	$\leq 0.05\text{C}$	$\leq 0.05\text{C}$	$\leq 0.05\text{C}$
Recommended Charge Voltage	56V-57.6V	56V-57.6V	56V-57.6V
BMS Charge Voltage Cut-Off	57.6V (3.75 \pm 0.025vpc)	57.6V (3.75 \pm 0.025vpc)	57.6V (3.75 \pm 0.025vpc)
Reconnect Voltage	54.6V (3.34 \pm 0.05vpc)	54.6V (3.34 \pm 0.05vpc)	54.6V (3.34 \pm 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

Estimate Weight: 53kg

Length: 567±2mm

Internal resistance(mΩ): ≤20

Width: 510±2mm (excluding ears)

Color: Black

Battery Type: Enook Lithium Iron Phosphate Battery

Voltage: 48V / 51.2V

Capacity: 100Ah / 200Ah / 230Ah

Power: 5KW / 10KW

Smart Battery Management System (BMS)

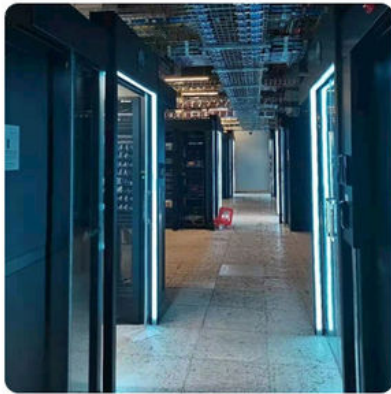


Applications:

The enook lithium iron phosphate battery is particularly well-suited for use in server racks. Its 48V 100AH Lifepo4 battery pack provides reliable, long-lasting power to keep critical systems up and running. The battery can handle a wide range of temperatures, with a charging temperature range of 0 ~55 and discharge temperature range of -20 ~60 .

The battery has a length of 567±2mm, a thickness of 258±2mm, and a width of 510±2mm (excluding ears). Its internal resistance is $\leq 20\text{m}\Omega$, ensuring efficient power transfer and minimal energy loss. This makes it an ideal choice for use in data centers, where uptime is critical and any downtime can result in significant financial losses.

The enook lithium iron phosphate battery is also suitable for use in other applications that require dependable, high-performance power, such as electric vehicles, solar energy systems, and backup power systems. Its compact size and lightweight design make it easy to integrate into a variety of different devices and systems.



UPS



Home Back Up Electricity



Street Lights



Solar

Customization:

Customize your enook 51.2V 100A Server Rack Battery with our product customization services. Our energy storage battery for UPS is made in china with IC certification and a minimum order quantity of 1. The battery type is LiFePO4 with an internal resistance of $\leq 20\text{ m}\Omega$ and a nominal voltage of 51.2V.

With our customization services, you can specify the length ($567\pm 2\text{mm}$) and width ($510\pm 2\text{mm}$ excluding ears) of your server rack battery. Our Smart BMS System ensures optimal performance and safety.

Contact us for pricing information, which ranges from \$900 to \$1900.



Packing and Shipping:

Product Packaging:

The Server Rack Battery will be packaged in a sturdy cardboard box to ensure safe transit.

The box will be labeled with the product name, model number, and any handling instructions.

The product will be wrapped in protective materials to prevent any damage during shipping.

Shipping:

The Server Rack Battery will be shipped via a reputable courier service.

Shipping costs will be calculated based on the destination and weight of the package.

The estimated delivery time will depend on the shipping method chosen by the customer.

Tracking information will be provided to the customer once the product has been shipped.

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