



51.2V Long Lasting Black Enook Lithium Iron Phosphate Battery Smart BMS System

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

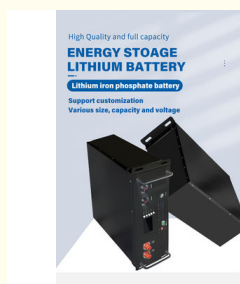


Product Specification

- Thickness: 258±2mm
- Width: 510±2mm(excluding Ears)
- Estimate Weight: 53kg
- Nominal Voltage: 51.2V
- Working Environment: Charging Temperature 0 ~55 Discharge Temperature -20 ~60
- Color: Black
- Length: 567±2mm
- Cycle Life: ≥2500 Cycles 80% Normal Temperature Below 25
- Highlight: **51.2V Lithium Iron Phosphate Battery ,
Black Lithium Iron Phosphate Battery,
Smart BMS Lithium Iron Phosphate Battery**



More Images



Product Description

Product Description:

The Battery is built with LiFePO4 technology, which is known for its excellent performance and long-lasting durability. It has a thickness of $258\pm 2\text{mm}$, making it easy to install in a standard server rack. The Battery is available in various capacities, including 48V 51.2V 100Ah 200Ah 230Ah 5KW 10KW, ensuring that it's suitable for a wide range of applications.

The Rack-mounted Server Battery is designed to perform in harsh environments. It can operate in temperatures ranging from 0 to 55 while charging and -20 to 60 while discharging. This makes it ideal for use in server rooms, data centers, and other demanding applications.

The Battery's estimated weight is 53kg, which is relatively light compared to other batteries in its class. This makes it easy to handle during installation and maintenance. The Battery's Black color and sleek design ensure that it blends in seamlessly with the server rack, adding to its aesthetic appeal.

In conclusion, the Rack-mounted Server Battery is a high-quality, reliable, and efficient energy source for businesses that rely on numerous servers to operate. With its Smart BMS System, LiFePO4 technology, and wide range of capacities, it's an ideal choice for businesses of all sizes. Its ability to operate in harsh environments and its lightweight design make it a practical and cost-effective solution for businesses that require a reliable energy source.

High Quality and full capacity

ENERGY STORAGE LITHIUM BATTERY

Lithium iron phosphate battery

Support customization

Various size, capacity and voltage



PRODUCT SPECIFICATIONS			
Model1			
Voltage	51.2V		
Capacity	50Ah	100Ah	200Ah
Energy	2.56Kwh	5.12Kwh	10.24Kwh
Dimensions (L x W x H)	480x480x132mm	480x480x132mm	480x680x222mm
Weight	28.5Kg	56Kg	108Kg
Life cycles(0.2C, 80% DOD, 25)	80ooCycles	80ooCycles	80ooCycles
Life time(25)	20 years		
Storage time / temperature	5 months @ 25'C; 3 months @ 35'C; 1 month @ 45'C		
Operation temperature	20 to 60 ; @60+/-25% Relative Humidity		
Storage temperature	0 to 60 ; @60+/-25% Relative Humidity		
Enclosure protection rating	IP52 / IP65		
Operation voltage	44-58.4Vdc		
Max.charging and discharging current	50Ah	100Ah	100Ah / 200Ah
Max Power	2560W	5120W	5120W / 10240W



Features:

Product Name: Server Rack Battery

Color: Black

Width: 510±2mm(excluding Ears)

Thickness: 258±2mm

Working Environment:

Charging Temperature: 0 ~55

Discharge Temperature: -20 ~60

Internal resistance(mΩ): ≤20

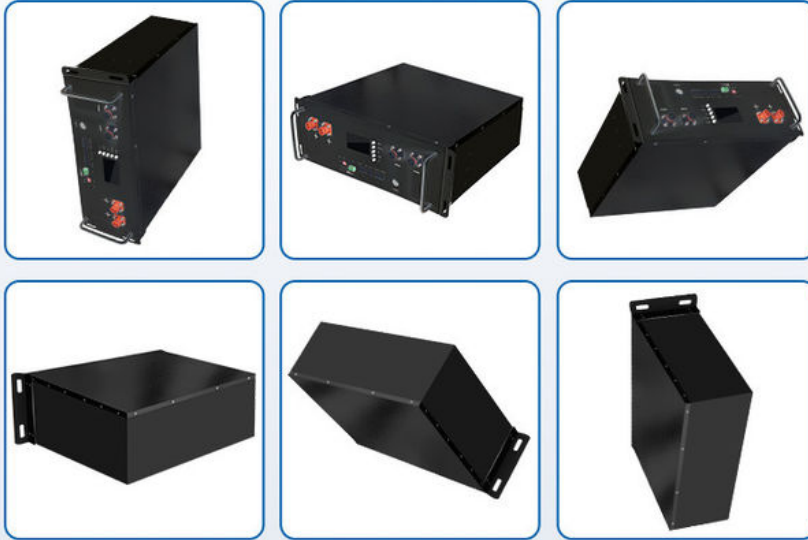
48V 100AH Lifepo4 battery pack

Energy Storage Battery for UPS

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

PRODUCT DISPLAY

Multi-angle



Applications:

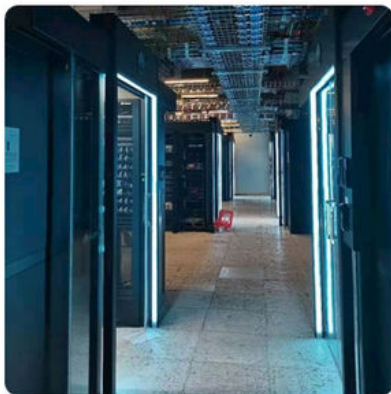
The enook server rack battery is suitable for various occasions and scenarios, including but not limited to:

Rack-mounted server batteries: The enook server rack battery is designed to provide uninterrupted power supply for servers, network equipment, and other devices in data centers and server rooms. It can be easily installed in a standard 19-inch server rack, making it an ideal choice for businesses that require high-performance and reliable power backup solutions.

Backup power for critical applications: The enook server rack battery can also be used as a backup power source for critical applications such as hospitals, banks, and emergency response centers. With a capacity of 100Ah, 200Ah, or 230Ah, it can provide sufficient power to keep essential systems running during power outages.

Off-grid power systems: The enook server rack battery is an excellent choice for off-grid power systems that require a reliable and long-lasting power source. It can be used in conjunction with solar panels, wind turbines, or other renewable energy sources to provide power for remote locations or emergency situations.

The enook server rack battery is designed to work in a wide range of temperatures. It can be charged at temperatures between 0 ~55 and discharged at temperatures between -20 ~60 . It can deliver a maximum power of 5KW or 10KW, depending on the specific model. If you need a high-quality, reliable, and efficient power source for your servers, critical applications, or off-grid power systems, the enook 48V 100AH Lifepo4 battery pack is an excellent choice. It provides a long-lasting, high-performance power solution that can keep your systems running even during extended power outages.



UPS



Home Back Up Electricity



Sreet Lights



Solar

Customization:

Introducing our product customization services for the enook Server Rack Battery. Our model number 51.2V 100A is a 48V 100AH LifePo4 battery pack that comes with a Smart BMS System, making it an excellent Energy Storage Battery for UPS. Our product is made in China and is certified with IC. The minimum order quantity is 1, and the price ranges from \$900 to \$1900. The enook Server Rack Battery is available in black color and has a length of 567±2mm. It has a nominal voltage of 51.2V and an internal resistance of $\leq 20\text{m}\Omega$. It is designed to work in a charging temperature range of 0 ~55 and a discharge temperature range of -20 ~60 .



Packing and Shipping:

Product Packaging:

One server rack battery

Mounting hardware

User manual

Shipping:

Ships within 1-2 business days

Free shipping within the US

International shipping available for an additional fee

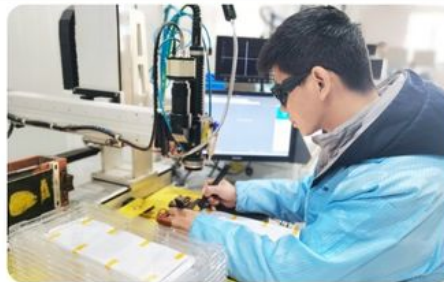
ChangSha Enook Technology Co., Ltd located is an outstanding solution service provider in Lithium Battery Management System(BMS) industry, focusing on the R&D, design, production and sales of Apexium DIY kits, BMS and batteries for more than 15 years. With its strength, it can provide customers with first-class software and hardware development and after-sales services.

Quality first is our principle, Satisfying all our customers is our tenet, win-win business is our aim. Dedicated to strict quality control and thoughtful customer service, our experienced staff members are always available to discuss each detailed requirements from customer and ensure full customer satisfaction.

In addition, we have obtained certificates. MSDS, UN38.3, MSDS, ROHS, UL, etc. All our products keep selling well not only around China, but also in USA, Philippines, Germany, England, Australia, Russia, France and other European and Asia countries. Fast delivery is one of our advantages, selecting a current product from catalogue, or customized products, 3~5 days is the normal time to prepare for the goods. OEM & ODM orders can be acceptable.

Please don't hesitate to contact us if you have any requirement, we'll provide our best service to you.

Our Factory



Company Exhibition





CERTIFICATES

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





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