

## Smart BMS LiFePO4 10kwh 48V 200Ah Solar Lithium Ion Server Rack Mounted Battery Pack For Solar System

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

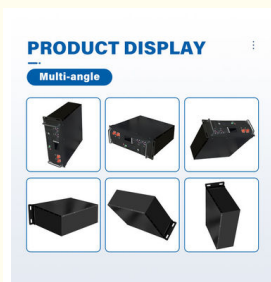
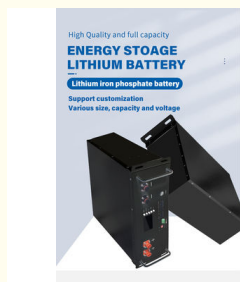


### Product Specification

- Estimate Weight: 53kg
- Length: 567±2mm
- Working Environment: Charging Temperature 0 ~55 Discharge Temperature -20 ~60
- Color: Black
- Cycle Life: ≥2500 Cycles 80% Normal Temperature Below 25
- Nominal Voltage: 51.2V
- Internal Resistance mΩ :≤20
- Width: 510±2mm(excluding Ears)
- Highlight: LiFePO4 Server Rack Battery, Smart BMS Server Rack Battery, Solar Lithium ion Server Rack Battery



### More Images



## Product Description

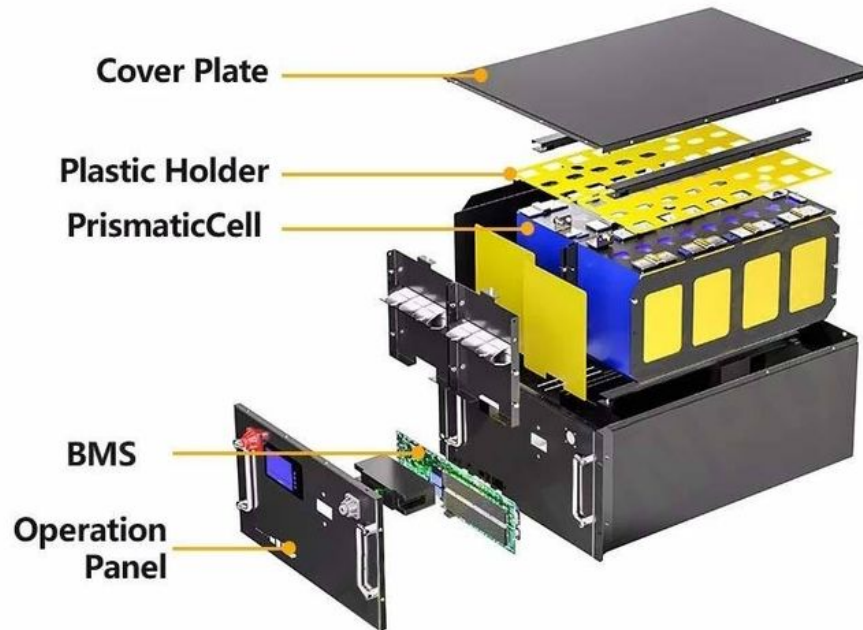
### Product Description:

With a Cycle Life of  $\geq 2500$  Cycles at 80% Normal Temperature Below 25 , this battery is built to last. It is a high-quality, long-lasting battery that can be trusted to provide consistent and reliable performance over an extended period of time. This makes it a great choice for businesses and organizations that rely on UPS systems to keep their operations running smoothly.



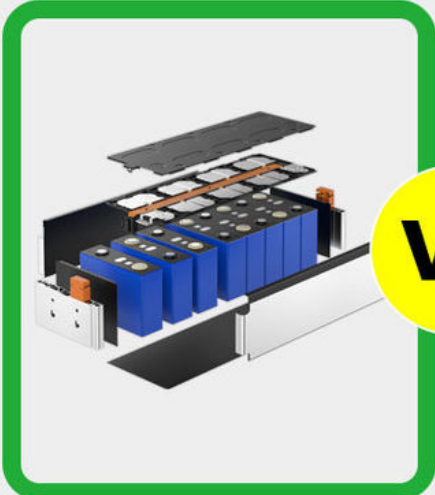



The estimated weight of this battery is 53kg, with a thickness of  $258 \pm 2$ mm and a width of  $510 \pm 2$ mm (excluding Ears). This makes it a compact and easy-to-install battery that can be used in a variety of different applications.

This Enook Lithium Iron Phosphate Battery is available in a range of different configurations, including 48V, 51.2V, 100Ah, 200Ah, and 230Ah. It is also capable of delivering up to 5KW or 10KW of power, depending on the configuration that is chosen.

Overall, the Enook Lithium Iron Phosphate Battery is an excellent choice for anyone who needs a reliable and efficient Energy Storage Battery for their UPS system. With its high-quality construction and long-lasting performance, this battery is sure to provide years of reliable service and help keep your operations running smoothly.



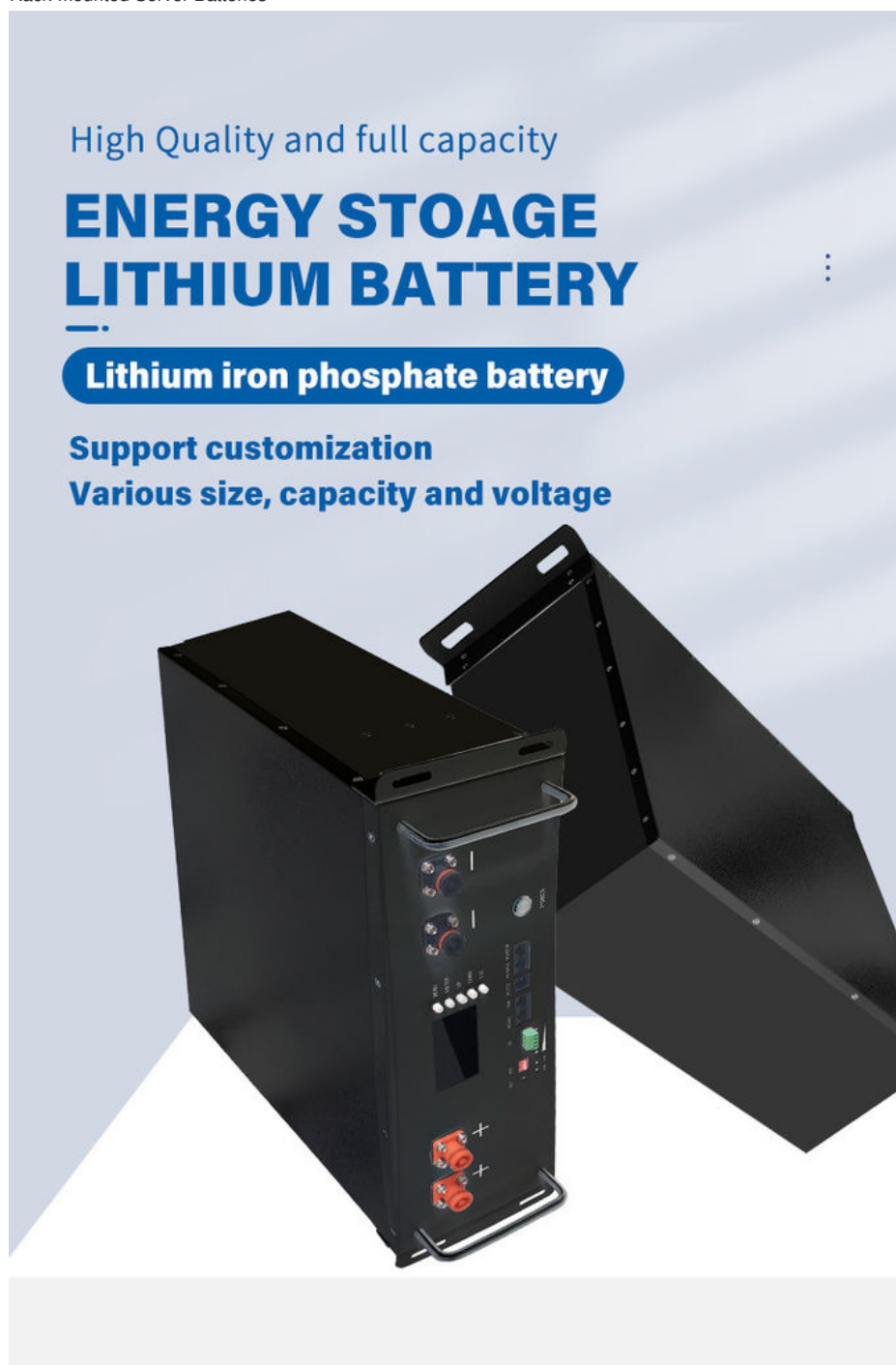
Item		Specification	Conditions
Nominal	Voltage	51.2V	25 ,0.2C
	Capacity	200Ah	
Module weight		86kg	±1kg
Dimensions(W*D*H), mm		484*222*530	±2mm
Operating parameters	Charging Voltage	52.5V~54.0V	
	Discharging Voltage	40V	
	Charging current	Max constant charge: 100A	Recommended 30A
	Discharging current	Max constant discharge: 200A	
Temperature	Charge range	0 ~45	
	Discharge range	-20 ~55	
	Storage range	-20 ~45	
BMS	Built-in BMS	Voltage, current, temperature management & cell balance	RS485,CAN communication
Service life	Design life	>10years	
	Cycle life	>6000 times	

	<b>VS</b>	
	<b>VS</b>	
	<b>VS</b>	
<b>SUNPOK Battery</b>		<b>Low Quality Battery</b>
Prismatic LiFePO4 Battery Cells		Cylindrical Battery Cells
New A-Grade Cells		Secondary Use or B-Grade
High Quality Battery Module		Shoddy Battery Modules
Fully Automatic Welding		Manual Spot Welding

**Features:**

Product Name: Server Rack Battery

Internal resistance(mΩ): ≤20  
Estimate Weight: 53kg  
Battery Type: LiFePO4  
Length: 567±2mm  
Working Environment:  
Charging Temperature:0 ~55  
Discharge Temperature:-20 ~60  
48V 51.2V 100Ah 200Ah 230Ah 5KW 10KW compatible  
Smart BMS System  
Rack-mounted Server Batteries



### Applications:

enook's Server Rack Battery, model number 51.2V 100A, is a high-quality energy storage battery for UPS, designed and manufactured in China. This product is IC certified, ensuring its safety and reliability for use in critical power applications.

The Server Rack Battery is ideal for use in rack-mounted server batteries, providing backup power and ensuring uninterrupted operation of critical systems during power outages. Its minimum order quantity is 1, and the price range is between 900 and 1900, depending on the quantity ordered.

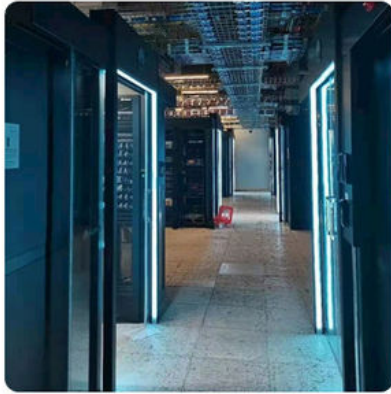
With a cycle life of ≥2500 cycles at 80% capacity and normal temperature below 25 , the Server Rack Battery offers a long service life and low maintenance requirements. It has a nominal voltage of 51.2V and is a LiFePO4 battery type, providing high energy density and excellent performance.

The Server Rack Battery has a thickness of 258±2mm and comes in a sleek black color, making it easy to integrate into any server rack system. Its compact design allows for efficient use of space, while its high energy density provides reliable backup power for critical systems.

In summary, enook's Server Rack Battery is a high-quality energy storage battery for UPS, designed for use in rack-mounted server



batteries. Its long service life, low maintenance requirements, and high energy density make it a reliable choice for critical power applications.



**UPS**



**Home Back Up Electricity**



**Street Lights**



**Solar**

### **Customization:**

BMS provides complete management and protection for the battery.

- Voltage warning and protection for module and each single cell.
- Current warning and protection, and the maximum operating current can be customized.
- Temperature warning and protection, 4 sensors for battery pack and 1 sensor for BMS.
- Battery module SOC and SOH calculation, display the accurate battery status.
- Communicate with the SMPS or monitor device, report the battery data.
- Pre-charge/discharge logic, make sure safety charge for low voltage condition.
- Switch-off mode, sleep mode, and operating mode, different mode for different condition.



**10 YEARS WARRANTY**



### **Packing and Shipping:**

#### **Product Packaging:**

This Server Rack Battery product will be packaged securely in a cardboard box with foam padding to ensure safe delivery. The product will be sealed with tape to prevent any damage or tampering during shipping.

#### **Shipping:**

This product will be shipped via a reliable courier service and will be tracked throughout its journey to ensure timely delivery. Shipping costs will be calculated based on the destination and weight of the package.



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