



## Customizable LFP Lithium Ion Battery with IP20 Protection for Home Energy Storage

Our Product Introduction

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

### Basic Information

- Place of Origin: China
- Brand Name: enook
- Model Number: Energy Storage Battery

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### Product Specification

- Anode Material: LFP
- OEM/ODM: Accpted
- Battery Type: Lithium Ion, LiFePO4, Other
- Communication Port: CAN, RS232, RS485
- Protection Grade: IP20
- Rated Frequency: 50-60HZ
- Dimension(L\*W\*H): 445\*565\*182mm
- Highlight: **IP20 Protection LFP Lithium Ion Battery, Customizable LFP Lithium Ion Battery**

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### More Images

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- High efficiency LFP battery cell
- Suitable for multiple inverters
- Long cycle, Low attenuation
- Equipped with a dedicated bracket
- Up to 16 battery packs in parallel

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5KWH HOUSEHOLD ENERGY STORAGE BATTERY



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## Product Description

### Product Description:

With an input battery voltage range of 40-58.4V, this LiFePO4 battery is compatible with most home solar systems, making it a great choice for those looking to reduce their reliance on the grid. And with a Protection Grade of IP20, you can rest easy knowing that your battery is well-protected from the elements.

One of the key benefits of this Energy Storage Battery is its use of LFP (Lithium Iron Phosphate) as the anode material. LFP batteries are known for their long cycle life, high energy density, and excellent safety performance, making them the ideal choice for home energy storage applications.

And with a 5-year warranty, you can trust that this LiFePO4 battery will provide reliable power for years to come. Whether you're looking to power your home during a blackout, or simply want to reduce your energy bills and carbon footprint, our Energy Storage Battery is the perfect solution.

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### Compact Size

High Energy Density Battery, Enabled Sunpal Powerbox Ultra-Compact, Light Weight. Compact Size Makes Sunpal Powerbox Easy To Handle.



### Modular Design

Modular Design Gives The End Customers The Power Of Choice Of Capacity Deliver Up To 140KW With Single Max Module (10.24KWh) At 14pcs Parallel Connection.



### Long Life and Safety

Vertical Industry Integration Ensures More Than 6000 Cycles With 80% DoD Safe Lithium Iron Phosphate Battery Cell.

## **Features:**

Product Name: Home Energy Storage Battery  
 OEM/ODM: Accepted  
 Protection grade: IP20  
 Communication Port: CAN, RS232, RS485  
 Input battery voltage range: 40-58.4V  
 Place of Origin: China  
 Battery Type: Lithium Iron Phosphate Battery  
 Capacity: PowerWall 51.2V 100Ah

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High efficiency LEP  
battery cell

Suitable for multiple  
inverters

Long cycle, Low attenuation

Equipped with a dedicated  
bracket

up to 16 battery packs in  
parallel

**ENOOK®**

### 5KWH HOUSEHOLD ENERGY STORAGE BATTERY



#### **Applications:**

Home Energy Storage  
Solar Energy Storage  
Off-Grid Energy Storage  
Emergency Power Backup

The Enook Energy Storage Battery is available in various battery types, including lithium iron phosphate Battery (LiFePO<sub>4</sub>), which is known for its durability, safety, and long lifespan. The battery is also available in Li-ion and other types. The anode material used in the battery is LFP, which is a safe and stable material that can withstand high temperatures and provides stable power output. The Enook Energy Storage Battery is available in different capacities and sizes, including the PowerWall 51.2V 100Ah. This battery is suitable for use in large residential homes, commercial buildings, and industrial applications. It is capable of providing backup power for up to several hours during a power outage. The battery is designed to have a protection grade of IP20, which means it is protected against dust, but not against water. It is recommended to keep the battery in a dry and cool environment to ensure optimal performance and longevity. Overall, the Enook Energy Storage Battery is a reliable and high-quality battery that can be used in various applications. With its long lifespan, durability, and safety features, it is a cost-effective solution for energy storage needs.



### Customization:

Customize your enook Energy Storage Battery to fit your specific needs with our Product Customization Services:

Choose the PowerWall 51.2V 100Ah lithium iron phosphate Battery for maximum power and efficiency.

Customize the dimensions of your Energy Storage Battery to fit your available space with our OEM/ODM services.

Enjoy peace of mind with our 5-year warranty on all Energy Storage Batteries.

Our enook Energy Storage Battery is made in China with a rated frequency of 50-60HZ and a single battery power of 5.12kwh. Trust in the quality and reliability of enook as a brand.



## Residential Energy Storage System

The intelligent small energy storage system is combined with advanced LiFe-PO4 lithium batteries, hybrid inverters, energy management systems, and photovoltaic module systems, which is suitable for household energy storage, farms, and other applications.



### Support and Services:

Our Home Energy Storage Battery product comes with comprehensive technical support and services to ensure optimal performance and longevity. Our team of experts is available to assist customers with installation, troubleshooting, and maintenance of the system. We offer regular software updates to ensure compatibility with the latest technology and to improve overall functionality. In addition, we provide a warranty for our product to give customers peace of mind and to guarantee the quality of our solution.

## Company Introduction

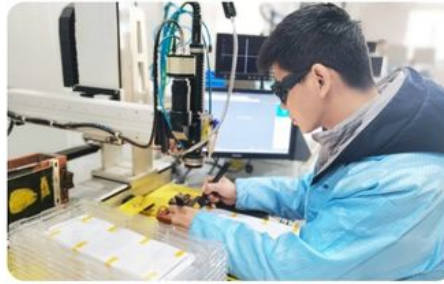
ChangSha Enook Technology Co., Ltd located is an outstanding solution service provider in Lithium Battery Management System(BMS) industry, focusing on the R&D, design, production and sales of Apexium DIY kits, BMS and batteries for more than 15 years. With its strength, it can provide customers with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





## 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**



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