

## 51.2V 100ah Powerwal Battery 5.12kWh Wall Mounted Energy Storage Battery Pack For Home Energy Storage 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
- Model Number: Energy Storage Battery

ENOOK™



### Product Specification

- Dimension(L\*W\*H): 445\*565\*182mm
- Single Battery Power: 5.12kwh
- Cycle Life: 6000 Times
- OEM/ODM: Accepted
- Protection Grade: IP20
- Anode Material: LFP
- Highlight: 5.12kWh Powerwal battery ,  
100ah Powerwal battery ,  
51.2V Powerwal battery

ENOOK™



### More Images

ENOOK™



#### Compact Size

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



#### Long Life and Safety

Verified Industry Integration Ensures More Than 6000 Cycles With Zero Self-Discharge. Lithium Iron Phosphate Battery (LFP).

ENOOK™



ENOOK™



## Product Description

### Product Description:

Place of Origin: China

Input Battery Voltage Range: 40-58.4V

Single Battery Power: 5.12kWh

Dimension(L\*W\*H): 445\*565\*182mm

This Home Energy Storage Battery is a reliable and efficient solution for storing energy in residential or commercial applications. It is equipped with a high-quality Lifepo4 battery, also known as a lithium iron phosphate battery, which is known for its long cycle life, high power density, and excellent thermal stability.

The battery's input voltage range of 40-58.4V allows it to be compatible with a wide range of power sources, making it a flexible choice for various applications. Its single battery power of 5.12kWh provides ample storage capacity for powering appliances and electronics throughout the day and night.

This Home Energy Storage Battery has a compact design, with dimensions of 445\*565\*182mm, making it easy to install in a variety of settings. Additionally, it is available for OEM/ODM orders and is manufactured in China, ensuring high-quality standards and competitive pricing.

Overall, this Home Energy Storage Battery is an excellent choice for those looking for a reliable and efficient energy storage solution. Its use of a Lifepo4 battery, wide input voltage range, and ample storage capacity make it an ideal choice for residential and commercial applications alike.

**ENOOK**<sup>®</sup>

### 5KWH HOUSEHOLD ENERGY STORAGE BATTERY



98% Efficiency	5-80kwh Scalability
6000 cycles Long life	Plug In And Play Easy to install and set up
Easy Maintenance Screw scheme	Compatibility Compatible with most inverters
Safety LFP + Circuit Breaker	Communication RS485/ CAN



**MSDS UN38.3**



## Features:

Product Name: Home Energy Storage Battery

OEM/ODM: Accepted

Place of Origin: China

Input Battery Voltage Range: 40-58.4V

Communication Port: CAN, RS232, RS485

Brand Name: Enook

Battery Type: Lifepo4 battery, Lithium Iron Phosphate Battery



## 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 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.



## **Applications:**

This battery is perfect for use in homes, offices, and other commercial buildings that require reliable and consistent power supply. It is designed to work with a rated frequency of 50-60HZ, and it comes with communication ports such as CAN, RS232, and RS485, which makes it easy to connect and control.

The Enook Energy Storage Battery is a type of Lithium-Ion battery that is based on LiFePO4 technology. This means that it is highly

efficient, reliable, and long-lasting. It is designed to store energy from solar panels, wind turbines, and other renewable energy sources, and it can be used to power various appliances and devices in different scenarios.

One of the best things about this Energy Storage Battery is that it is very easy to install and use. It comes with a user-friendly interface that makes it easy to monitor and control the battery's performance. It also has a compact and lightweight design, which makes it easy to transport and move around.

Overall, the Enook Energy Storage Battery is an excellent choice for anyone who needs a reliable and efficient battery for their home, office, or other commercial applications. It is a LiFePO4 battery that is designed to provide consistent and stable power supply in different scenarios, and it is made of high-quality materials that ensure long-lasting performance and durability.

## 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.



**ENOOK®**



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

## Customization:

Customize your enook Energy Storage Battery to fit your specific needs with our product customization services. Our Energy Storage Battery, also known as the PowerWall 51.2V 100Ah, is a high-quality home energy storage solution that provides reliable and efficient power for your home. Made in China, our battery has a rated frequency of 50-60HZ and a cycle life of 6000 times. With our customization services, you can choose from various communication ports, including CAN, RS232, and RS485, to ensure seamless integration with your existing systems. Our single battery power of 5.12kwh allows you to store more power for when you need it most, and our 5-year warranty guarantees your satisfaction and peace of mind.

# ENOOK<sup>®</sup>



## Support and Services:

The Home Energy Storage Battery product technical support and services include:

- Assistance with installation and set-up
- Troubleshooting and repair services
- Remote monitoring and maintenance
- Software and firmware updates
- Battery performance analysis and optimization
- Product training and education



## 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