

Certified Smart Lithium Ion Home Energy Storage Battery 5.12kwh Power OEM/ODM Accepted

Our Product Introduction

for more products please visit us on enookbattery.com

Basic Information

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

ENOOK®



Product Specification

- Certificate: CE, UL, UN38.3, MSDS
- Application: Home Solar Power System
- Communication Port: CAN, RS232, RS485
- Feature: Smart
- OEM/ODM: Accepted
- Battery Type: Lithium Ion, LiFePO4, Other
- Single Battery Power: 5.12kwh
- Highlight: **Lithium Ion Home Energy Storage Battery, 5.12kwh Home Energy Storage Battery**

ENOOK®



More Images

ENOOK®



ENOOK®



Product Description

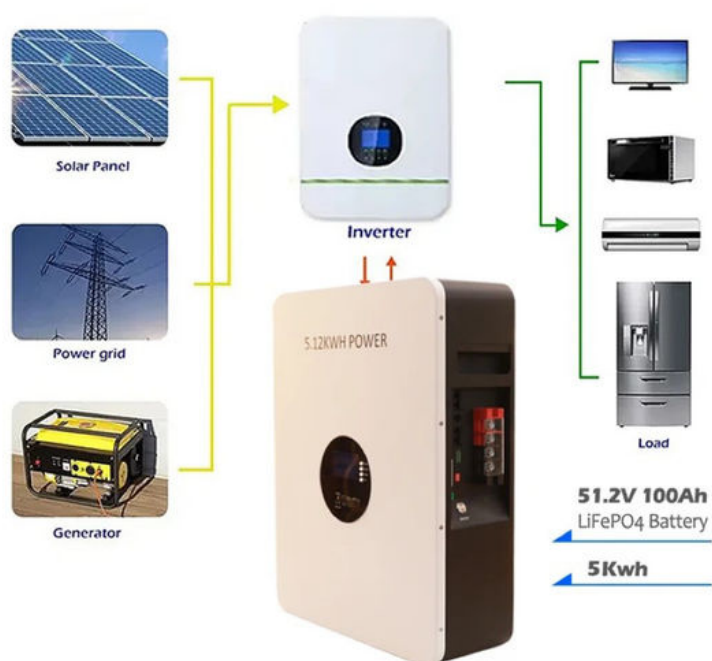
Product Description:

Our Home Energy Storage Battery is designed to operate within a battery voltage range of 40-58.4V, which makes it compatible with most solar panel systems available. With a cycle life of 6000 times, you can be sure that this battery will last a long time, giving you more value for your money.

This battery is rated at a frequency of 50-60HZ, making it perfect for your home solar power system. Our Lithium Iron Phosphate Battery (LiFePO₄) is known for its high energy density, extended cycle life, and exceptional safety features, making it a reliable and efficient energy storage solution for your home.

Our Home Energy Storage Battery is perfect for anyone looking for a long-lasting, reliable, and efficient energy storage solution for their home. With its Lithium Iron Phosphate Battery (LiFePO₄) and other battery types, you can be sure that this battery will provide you with the energy storage you need for years to come.

ENOOK[®]



Features:

Product Name: Home Energy Storage Battery

Battery Type: Lithium Ion, LiFePO₄, Other

Single Battery Power: 5.12kWh

Protection Grade: IP20

Warranty: 5 Years

Certificate: CE, UL, UN38.3, MSDS

Nominal Voltage (V)	48				
Battery Capacity (AH)	50(2.5KW H)	100 (5KWH)	200(10KW H)	500(25KW H)	1000(50KW H)
Working Voltage Range	42-56.25				
Recommended Charging voltage (V)	52.5				
Recommended Discharge cutoff Voltage(V)	45				
Standard Charging Current (A)	25	50	100	100	200
Max Continuous Charging Current(A)	50	100	200	500	1000
Standard Discharge Current (A)	25	50	100	100	200
Max Continuous Discharging Current(A)	50	100	200	500	1000
Temperature()	-30 ~60 (recommend 10 ~35)				
Allowable humidity range	0 85% RH				
Storage temperature()	-20 ~65 (recommend 10 ~35)				
Cool method	Natural air cooling				
Certificate	CE, UN38.3, MSDS				
Cycle life	Around 5000 times				
Communication	RS485(CAN optional)				
Parallel function	48V support at most 15 packs in parallel use(Maximum Capacity is 150KWH)				
Max size (W*D*H) mm	410*630* 156	410*630* 156	465*682* 246	410*630* 156*5	465*682* 246*5
Weight	25KG	49KG	88KG	245KG	440KG
Protection Level	IP20				
Remark	0.5C Discharge Max: 1C, 80%DOD				
Battery Cell	A Grade Prismatic Cell				
Protection	Built-In Smart BMS				



Applications:

One of the key features of the enook Energy Storage Battery is its anode material, which is made from LFP. This material is known for its high energy density, which means that it can store more energy in a smaller space. This makes it an ideal choice for home solar power systems, where space can be limited.

The input battery voltage range for the enook Energy Storage Battery is 40-58.4V, which means that it is compatible with a wide range of solar panels and other energy sources. This makes it easy to integrate into your existing home solar power system, or to use as part of a new system that you are building from scratch.

With its CE, UL, UN38.3, and MSDS certificates, the enook Energy Storage Battery is a safe and reliable choice for your home energy needs. It has been rigorously tested to ensure that it meets the highest standards for quality and safety, so you can be confident in its performance.

The enook Energy Storage Battery is ideal for a wide range of home energy storage applications. Whether you are looking to power your home during a blackout, or you simply want to reduce your reliance on the grid, this battery is the perfect solution. It can be used in a variety of scenarios, including:

Powering your home during a blackout

Reducing your reliance on the grid

Storing excess energy generated by your solar panels

Powering your home at night when your solar panels are not generating energy

Providing backup power for critical home appliances, such as refrigerators and medical equipment

Overall, the enook Energy Storage Battery is a powerful and versatile battery that is perfect for home solar power systems. With its advanced technology and high-quality construction, it is the ideal choice for anyone who wants to reduce their reliance on the grid and take control of their home energy needs.

Residential Energy Storage System

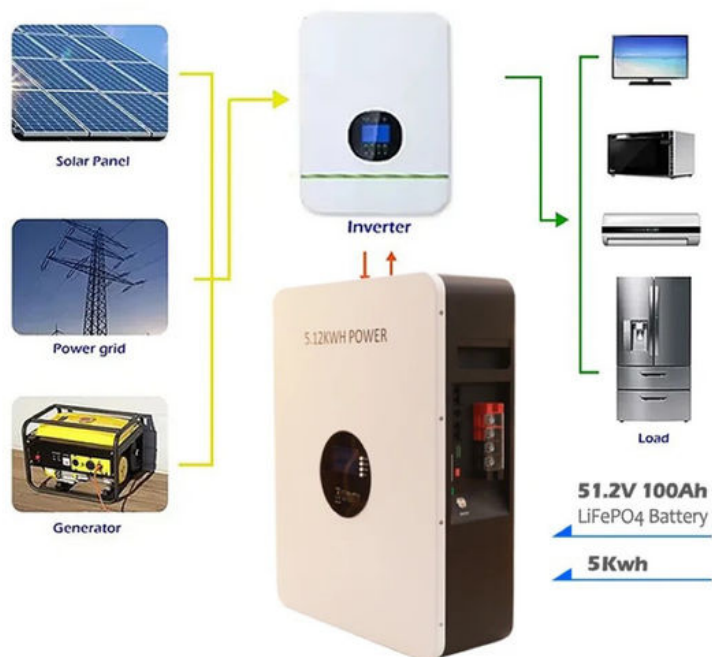
The intelligent small energy storage system is combined with advanced LiFe-PO4 lithium batteries, hybrid inverters, energy management systems, and photovoltaic module systems, which is suitable for household energy storage, farms, and other applications.



Customization:

Enook offers customization services for its Energy Storage Battery, a smart battery made with LFP (lithium iron phosphate) anode material. Our batteries are made in China and come equipped with CAN, RS232, and RS485 communication ports. We can customize the input battery voltage range to meet your specific needs, with a range of 40-58.4V available. Our Lifepo4 battery technology ensures reliable and long-lasting power storage for your home energy needs.

ENOOK®



Support and Services:

The Home Energy Storage Battery is a high-quality energy storage system that helps homeowners save money on their electricity bills and reduce their carbon footprint. Our product technical support and services include:

- Expert installation and maintenance services to ensure your Home Energy Storage Battery is properly installed and functioning at its best.

- 24/7 customer support to answer any questions or concerns you may have about your Home Energy Storage Battery.

- Regular software updates to keep your Home Energy Storage Battery up-to-date with the latest technology and features.

- Product training to help you get the most out of your Home Energy Storage Battery and optimize its performance.

Choose the Home Energy Storage Battery for a reliable, efficient, and cost-effective energy storage solution.

ENOOK[®]



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