



48v 51.2v 10 Kw 200ah Lithium Power Wall Lithium Solar Battery Powerwall Hybrid Solar Power System

Our Product Introduction

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Basic Information

- Place of Origin: china
- Brand Name: Enook
- Model Number: Energy Storage Battery

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Product Specification

- Dimension(L*W*H): 445*565*182mm
- Application: Home Solar Power System
- Rated Frequency: 50-60HZ
- Certificate: CE、UL、 UN38.3、 MSDS
- OEM/ODM: Acpted
- Cycle Life: 6000 Times
- Warranty: 5 Years
- Highlight: 51.2v 200ah Lithium Power Wall ,
Lithium Solar Battery Powerwall,
10 Kw Lithium Power Wall

ENOOK™



More Images

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Compact Size

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



Product Description

Product Description:

The Enook Home Energy Storage Battery features a powerful 5.12kWh capacity, which is perfect for storing excess solar power generated during the day. This means that you can use your stored energy during peak times, reducing your reliance on expensive grid electricity.

The battery comes equipped with multiple communication ports, including CAN, RS232, and RS485, making it easy to integrate with your existing solar system. This ensures that you can easily monitor your battery's performance and optimize your energy usage to save money on your energy bills.

Nominal Voltage	51.2V(16series)	51.2V(16series)
Capacity	100Ah	200Ah
Energy	5.12KWh	10.24KWh
Internal Resistance	≤40mΩ	≤40mΩ
Pack Method	16S1P	51.2Vd.c
Design Life	≥15 years	≥15 years
Charge Cut-off Voltage	58.4V	58.4V
Max.ContinuousWork Current	100A	200A
Charge Temperature	0 ~45	
Discharge Temperature	-20 ~60	
Dimensions	640*440*175mm	850*440*175mm
Weight	≈51KG	≈100KG
Cycle Life:	6000cycles	
Certification	CE+RoHS+UN38.3+MSDS	
Pros	Applied in off-grid and hybrid system, Compact Design, Modular Expansion	
OEM/ODM	Sticker/ Logo/ package / connector	
Application	Solar Energy, Wind Energy,Household Energy, Marine,Trolling Motor, Replace lead-acid batteries, Backup battery, Power battery...	

The Enook Home Energy Storage Battery is made with high-quality LFP (lithium iron phosphate) Battery technology, which is known for its long lifespan, safety, and reliability. This ensures that your battery will provide you with years of trouble-free operation, keeping your home powered during outages and reducing your carbon footprint.

The Enook Home Energy Storage Battery is rated for a frequency of 50-60Hz, ensuring that it is compatible with most home solar systems. With a weight of just 54kg and dimensions of 808 x 450 x 180mm, the battery is compact and easy to install, allowing you to start enjoying the benefits of solar power storage right away.

The Enook Home Energy Storage Battery is the perfect solution for homeowners who want to reduce their reliance on the grid and take control of their energy usage. With its powerful 5.12kWh capacity, advanced communication ports, and reliable lithium iron phosphate Battery technology, it's no wonder that this battery is quickly becoming one of the most popular choices for home energy storage. Get your Enook PowerWall 51.2V 100Ah today and start enjoying the benefits of clean, renewable energy!

5KWH HOUSEHOLD ENERGY STORAGE BATTERY



Features:

Product Name: Home Energy Storage Battery

Rated Frequency: 50-60HZ

Battery Type: Lithium Ion, LiFePO4, Other

Single Battery Power: 5.12kWh

Input Battery Voltage Range: 40-58.4V

Communication Port: CAN, RS232, RS485

This Energy Storage Battery features a Lithium Iron Phosphate Battery and has a Single Battery Power of 5.12kWh. It is also known as a PowerWall 51.2V 100Ah.



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.



Applications:

The enook Energy Storage Battery is perfect for various home application occasions and scenarios, such as:

Off-grid living : For those living in remote areas without access to a reliable power grid, the enook Energy Storage Battery can provide a stable and consistent power source. This allows you to enjoy all the comforts of modern living without any interruptions.

Backup power : In the event of a power outage, the enook Energy Storage Battery can act as a backup power source. This means that essential appliances such as refrigerators and medical equipment can continue to function until power is restored.

Solar power storage : If you have solar panels installed on your roof, the enook Energy Storage Battery can store excess energy generated during the day for use at night. This can significantly reduce your reliance on the power grid and lower your energy bills.

Smart home integration : With communication ports including CAN, RS232, and RS485, the enook Energy Storage Battery can easily integrate with smart home systems. This allows you to monitor and control your energy usage from your smartphone or tablet.

The dimensions of the enook Energy Storage Battery are 445*565*182mm, making it compact and easy to install. The product is manufactured in China and is available for OEM/ODM orders. With a 5-year warranty, you can trust that the enook Energy Storage Battery will provide reliable performance for years to come.

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:

Customize your Enook Energy Storage Battery today!

Our lithium iron phosphate battery, also known as a Lifepo4 battery, is the perfect addition to your home solar power system. With a single battery power of 5.12kwh, you can store the energy you need to power your home.

Our battery is made in China and is certified with CE, UL, UN38.3, and MSDS. We also accept OEM/ODM orders, so you can customize your battery to fit your exact needs.

ENOOK[®]

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

IEC **MSDS** **UN38.3**

Support and Services:

- Remote monitoring and diagnosis of your battery system
- Regular software updates to keep your battery system running smoothly
- On-site maintenance and repair services
- Technical training and support for installers and service providers

We are committed to providing our customers with top-notch support and services to ensure that your Home Energy Storage Battery system is always performing at its best.



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