

51.2V 300AH Lithium Home Energy Storage Battery With RS485 Communication Function

Our Product Introduction

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Basic Information

- Place of Origin: Shenzhen
- Brand Name: ENIKOL
- Certification: CE, FCC, UKCA, U38.3, MSDS
- Model Number: ESK-4830CWT
- Minimum Order Quantity: 1 piece
- Price: Negotiable
- Packaging Details: Wooden box packaging
- Delivery Time: 7-15 days
- Payment Terms: T/T, L/C, D/A, D/P, Western Union, MoneyGram
- Supply Ability: 4000 pieces per week



Product Specification

- Rated Voltage: 51.2V
- Rated Capacity: 300AH (15.36KWH)
- Cycle Life: ≥ 6000 -8000 Times
- Max Continuous Discharge Current: 200A
- Max Charging Current: 200A
- Communication Function: RS485/RS232/CAN Protocol
- Type Of Battery: Lithium Iron Phosphate (LiFePO4)
- Display: 7-inch Touch Screen
- Highlight: RS485 Lithium Home Energy Storage Battery, 51.2V Lithium Home Energy Storage Battery, 300AH Lithium Home Energy Storage Battery



More Images



Product Description

Product Description:

Product Model	ESK-4830CWT (Wall mounted & floor standing)
Type of Battery	Lithium Iron Phosphate
Max Parallel	16 sets
Rated Capacity	300AH (15360WH)
Rated Voltage	51.2V
Charging Voltage	58.4V
Max Charging Current	200A
Max Continuous Discharge Current	200A (10kw power)
Weight	126kg
Dimension (L * W * H)	975*460*280mm
Display	7-inch touch screen
Warranty	5 years
Communication Function	CAN/ RS485
Shell Material	White painted steel
Cycle Life	≥6000-8000 times
Application	Home appliances, industrial and commercial energy storage, household energy storage, large-scale photovoltaic energy storage projects, UPS energy storage

Our Home Energy Storage Battery has a built-in BMS (Battery Management System) that ensures the safety, reliability, and longevity of the battery. The BMS protects the battery from overcharging, over-discharging, and over-temperature conditions. With the built-in BMS, you can be sure that you are getting a high-quality, reliable battery that will last for years.

The max continuous discharge current of our battery is 200A, which means that it can provide a continuous output of 10.24kW. This makes it perfect for powering your household appliances, lights, and electronics. Whether you need power for your home office, kitchen, or bedroom, our battery has got you covered.

The max charging current of our battery is also 200A, which means that it can be fully charged in just a few hours. This makes it ideal for use with solar panels or wind turbines, as it can quickly store the energy generated by these renewable sources.

Our Household Energy Storage Battery is easy to install and use. It comes with a user manual that provides step-by-step instructions on how to install, operate, and maintain the battery. With its compact size and lightweight design, our battery can be easily installed in your home without taking up too much space.

In summary, our Household Energy Storage Battery is a high-quality, reliable, and efficient battery that is perfect for powering your household. With its Lithium Iron Phosphate (LiFePO₄) chemistry, built-in BMS, and max continuous discharge current of 200A, our battery is the perfect solution for your energy needs.



Features:

Product Name: Home Energy Storage Battery

Charging Voltage: 58.4V

Communication function: RS485/RS232/CAN Protocol

Max Charging Current: 200A

Max parallel: 16

Cycle life: ≥6000-8000 Times

This is a Household Energy Storage Battery that features charging voltage of 58.4V, communication function of RS485/RS232/CAN Protocol, max charging current of 200A, max parallel of 16, and cycle life of ≥6000-8000 Times.

Technical Parameters:

Household Energy Storage Battery	Technical Parameters
Rated Voltage	51.2V
Max continuous discharge current	200A
Shell Material	White Painted Steel
Rated Capacity	300AH (15.36KWH)
Cycle life	≥6000-8000 Times
Max Charging Current	200A
BMS	Built In BMS
Communication function	RS485/RS232/CAN Protocol
Charging Voltage	58.4V
Display	7-inch Touch Screen

Applications:

The ENIKOL ESK-4830CWT is a powerful battery with a rated voltage of 51.2V and a cycle life of ≥6000-8000 times. It has a max charging current of 200A and a charging voltage of 58.4V. Furthermore, this battery can be paralleled up to 16 times, making it an ideal choice for households that require a large amount of energy storage. There are various occasions and scenarios where the ENIKOL ESK-4830CWT household energy storage battery can be useful. Firstly, it can be used as a backup power source during power outages. By storing energy during off-peak hours, homeowners can ensure that they have a reliable source of power when the grid fails. Secondly, this battery can be utilized to store excess energy generated by solar panels during the day. This stored energy can then be used during peak hours, reducing the amount of energy that needs to be drawn from the grid.

In addition, the ENIKOL ESK-4830CWT household energy storage battery can also be used to power electric vehicles. By storing energy during off-peak hours, homeowners can charge their vehicles at home, reducing the need to visit public charging stations. This is not only convenient but also cost-effective, as the cost of electricity is typically lower during off-peak hours. Overall, the ENIKOL ESK-4830CWT household energy storage battery is a versatile and reliable product that can be used in a variety of situations. Whether it's for backup power during outages, energy storage for solar panels, or powering electric vehicles, this battery is a smart investment for any household.

Customization:

The ESK-4830CWT has a charging voltage of 58.4V with a 7-inch touch screen display. It also has a maximum charging current of 200A and communication functions such as RS485/RS232/CAN Protocol. The cycle life is ≥ 6000 -8000 times, making it a reliable and long-lasting option for household energy storage battery needs.



Support and Services:

The Home Energy Storage Battery product comes with a variety of technical support and services to ensure that customers are satisfied with their purchase:

24/7 phone and email support for any technical issues or questions

Online resources including user manuals, installation guides, and FAQs

Regular software updates to improve battery performance and functionality

Optional professional installation services provided by certified technicians

Warranty coverage for any defects or malfunctions

Our team is dedicated to providing top-notch technical support and services to ensure that our customers get the most out of their Home Energy Storage Battery product.

Packing and Shipping:

Product Packaging:

The Home Energy Storage Battery will be packaged in a sturdy cardboard box.

The box will be sealed with tape to ensure it stays closed during shipping.

Inside the box, the battery will be wrapped in protective foam to prevent damage during transport.

The box will also include an instruction manual and any necessary cables for installation.

Shipping:

Shipping will take place within 3-7 business days of receiving the order.

Customers will be provided with a tracking number so they can monitor the progress of their shipment.

In the unlikely event that the product is damaged during shipping, customers should contact our customer service team for assistance.

FAQ:

Frequently Asked Questions:

Q1: What is the brand name of the home energy storage battery?

A1: The brand name of the home energy storage battery is ENIKOL.

Q2: What is the model number of the home energy storage battery?

A2: The model number of the home energy storage battery is ESK-4830CWT.

Q3: Where is the home energy storage battery manufactured?

A3: The home energy storage battery is manufactured in Shenzhen.

Q4: What certifications does the home energy storage battery have?

A4: The home energy storage battery has the following certifications: CE, FCC, UKCA, U38.3, MSDS.

Q5: What are the payment terms for the home energy storage battery?

A5: The payment terms for the home energy storage battery are T/T, L/C, D/A, D/P, Western Union, MoneyGram.

**Minimum order quantity is 1 piece and the price is negotiable. The home energy storage battery comes in wooden box packaging and has a delivery time of 7-15 days. The supply ability is 4000 pieces per week.*

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