

## 51.2V Energy Management Household Energy Storage Battery with 7-inch Touch Screen

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 Capacity: 300AH (15.36KWH)
- Rated Voltage: 51.2V
- Max Charging Current: 200A
- Display: 7-inch Touch Screen
- Max Continuous Discharge Current: 200A
- BMS: Built In BMS
- Communication Function: RS485/RS232/CAN Protocol
- Shell Material: White Painted Steel
- Highlight: Household Energy Storage Battery, 51.2V 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
Charging Temperature	0 to +55
Operating Temperature	-20 to +65
Other Functions	WIFI/Bluetooth (optional)

The Household Energy Storage Battery has a Max Charging Current of 200A, which allows it to charge quickly and efficiently, ensuring that you always have enough power when you need it. Additionally, the battery has a maximum parallel capability of 16, which means that it can be easily connected with other batteries to provide even more backup power to your home.

When it comes to continuous discharge, the Household Energy Storage Battery is a reliable performer, with a maximum continuous discharge current of 200A. This makes it an ideal choice for households that need a steady and dependable source of backup power in case of power outages.

One of the most notable features of the Household Energy Storage Battery is its Shell Material, which is made of White Painted Steel. This material is not only durable and long-lasting, but it is also aesthetically pleasing, making it a great addition to any home. Additionally, the white painted steel shell helps to protect the battery from the elements, ensuring that it remains in top condition for years to come. In summary, if you are looking for a reliable and efficient Household Energy Storage Battery, look no further than our state-of-the-art product. With a Built-In BMS, Max Charging Current of 200A, Max parallel capability of 16, and a maximum continuous discharge current of 200A, this battery is the perfect choice for households looking for a dependable backup power source. And with its durable and

aesthetically pleasing White Painted Steel Shell Material, this battery is sure to be a great addition to any home.

More Than  
**8000**  
Life Cycles

Under 90% depth of discharge(DOD)  
Minimum 15 years of life span



**Features:**

Product Name: Home Energy Storage Battery  
Rated Voltage: 51.2V  
Max parallel: 16  
Rated Capacity: 300AH (15.36KWH)  
Charging Voltage: 58.4V  
Communication function: RS485/RS232/CAN Protocol  
This Household Energy Storage Battery is designed to provide efficient energy storage for households.

**Technical Parameters:**

BMS	Built In BMS
Rated Capacity	300AH (15.36KWH)
Max Charging Current	200A
Type of Battery	Lithium Iron Phosphate (LiFePO4)
Charging Voltage	58.4V
Cycle life	≥6000-8000 Times
Max continuous discharge current	200A
Display	7-inch Touch Screen
Communication function	RS485/RS232/CAN Protocol
Max parallel	16

**Applications:**

The ENIKOL ESK-4830CWT household energy storage battery is designed for use in various occasions and scenarios. This product is ideal for use in residential buildings, offices, and other locations where there is a need for a reliable power source. The product has a rated capacity of 300AH (15.36KWH) and a cycle life of ≥6000-8000 times, which means it can provide a long-lasting and stable power supply.

The product has a 7-inch touch screen display, which shows the status of the battery and helps users monitor its performance. The product has a communication function that supports RS485/RS232/CAN Protocol, which allows users to connect it to other devices and systems. Additionally, the product has a max parallel of 16, which means it can be used in larger systems to provide more power.

The ENIKOL ESK-4830CWT household energy storage battery is suitable for use in various scenarios, including but not limited to:

- Off-grid solar power systems
- Backup power systems for homes and offices
- Peak shaving and load shifting systems for commercial buildings

Microgrid systems for remote areas

Emergency power supply systems for hospitals, schools, and other critical infrastructure

The ENIKOL ESK-4830CWT household energy storage battery is a reliable and high-quality product that can provide a stable and long-lasting power supply. With a supply ability of 4000 pieces per week, it is an excellent choice for those who need a reliable energy storage solution.



### Customization:

The ESK-4830CWT runs on Lithium Iron Phosphate (LiFePO4) batteries and has RS485/RS232/CAN Protocol communication function. It supports up to 16 max parallel connections and has a charging voltage of 58.4V. The 7-inch touch screen display allows for easy monitoring of the battery level and other important information.

### Support and Services:

Our Home Energy Storage Battery product comes with comprehensive technical support and services to ensure the best performance and longevity of the battery. Our team of experts is available to assist with any technical issues or questions that may arise during installation or operation of the battery system. We also offer regular maintenance and monitoring services to ensure the battery is functioning optimally and to provide early detection of any potential issues. Additionally, we provide training and resources to help customers understand how to best utilize their home energy storage system and to maximize their energy savings.

### Packing and Shipping:

Product Packaging:

Our Home Energy Storage Battery comes in a sturdy cardboard box with foam padding to ensure safe transportation. The battery is securely packed in the box, along with the user manual and any necessary cables or accessories.

Shipping:

For international orders, shipping rates will vary depending on the destination. We use reputable shipping carriers to ensure that your order arrives safely and on time.

### FAQ:

Here are the frequently asked questions and answers for ENIKOL's Home Energy Storage Battery:

**Q: What is the model number of ENIKOL's home energy storage battery?**

A: The model number of ENIKOL's home energy storage battery is ESK-4830CWT.

**Q: Where is ENIKOL's home energy storage battery made?**

A: ENIKOL's home energy storage battery is made in Shenzhen.

**Q: What certifications does ENIKOL's home energy storage battery have?**

A: ENIKOL's home energy storage battery has CE, FCC, UKCA, U38.3, and MSDS certifications.

**Q: What is the minimum order quantity for ENIKOL's home energy storage battery?**

A: The minimum order quantity for ENIKOL's home energy storage battery is 1 piece.

**Q: What are the payment terms for ENIKOL's home energy storage battery?**

A: The payment terms for ENIKOL's home energy storage battery are T/T, L/C, D/A, D/P, Western Union, and MoneyGram.

**Q: What is the packaging and delivery time for ENIKOL's home energy storage battery?**

A: ENIKOL's home energy storage battery comes in wooden box packaging and the delivery time is 7-15 days.

**Q: What is the supply ability for ENIKOL's home energy storage battery?**

A: The supply ability for ENIKOL's home energy storage battery is 4000 pieces per week.

**Q: Is the price negotiable for ENIKOL's home energy storage battery?**

A: Yes, the price for ENIKOL's home energy storage battery is negotiable.

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