

Household Energy Storage Battery 51.2v 15kwh Lithium Battery With Smart BMS

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

- Type Of Battery: Lithium Iron Phosphate (LiFePO4)
- Rated Voltage: 51.2V
- Rated Capacity: 300AH (15.36KWH)
- Charging Voltage: 58.4V
- Display: 7-inch Touch Screen
- Max Parallel: 16
- Communication Function: RS485/RS232/CAN Protocol
- Shell Material: White Painted Steel
- Highlight: 15kwh Lithium Battery, Household Energy Storage Battery, 51.2v Lithium 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 |
| Protection Function | Overcharge protection, over discharge protection, over-current protection, short circuit protection, over temperature protection, and low voltage alarm |
| Matched Solar Inverter Brands | PYLONTECH/ GOODWE/ Growatt/ SMA/ Victron/ TBB/ Must/ Srne/ MEGAREVO/ Deye/ IN' Voltronic/ SOFAR/ SOROTEC, etc. |
| Other Functions | WIFI/Bluetooth (optional) |
| Application | Home appliances, industrial and commercial energy storage, household energy storage, large scale photovoltaic energy storage projects, UPS energy storage |

The battery has a Rated Capacity of 300AH (15.36KWH), which is sufficient to power most homes and small businesses. With a Rated Voltage of 51.2V, the battery is able to deliver a consistent and reliable flow of energy. It has a Max Continuous Discharge Current of 200A, which means it can power high-energy appliances such as air conditioners and refrigerators without any issues.

The battery has a Cycle Life of ≥6000-8000 Times, which means it can last for many years before needing to be replaced. This makes it an ideal choice for homeowners and businesses that want a reliable and cost-effective energy storage solution.

The Household Energy Storage Battery is easy to install and comes with a user-friendly interface that allows users to monitor the

battery's performance in real-time. The battery is also designed to be eco-friendly and does not produce any harmful emissions or pollutants.

In conclusion, the Household Energy Storage Battery is an excellent choice for homeowners and small businesses that want a reliable and efficient energy storage solution. With its Built-In BMS, Rated Capacity of 300AH (15.36KWH), Rated Voltage of 51.2V, Max Continuous Discharge Current of 200A, and Cycle Life of ≥6000-8000 Times, this battery system is sure to meet all your energy needs and provide you with many years of reliable service.



Features:

Product Name: Home Energy Storage Battery
Shell Material: White Painted Steel
Rated Capacity: 300AH (15.36KWH)
Type of Battery: Lithium Iron Phosphate (LiFePO4)
Cycle life: ≥6000-8000 Times
BMS: Built In BMS
This Household Energy Storage Battery is made of white painted steel and has a rated capacity of 300AH (15.36KWH). It is powered by a Lithium Iron Phosphate (LiFePO4) battery with a cycle life of ≥6000-8000 times. It also has a built-in BMS for added safety and protection.

Technical Parameters:

| Product Attribute | Value |
|----------------------------------|----------------------------------|
| Product Name | Household Energy Storage Battery |
| Rated Capacity | 300AH (15.36KWH) |
| Charging Voltage | 58.4V |
| Type of Battery | Lithium Iron Phosphate (LiFePO4) |
| Communication Function | RS485/RS232/CAN Protocol |
| Display | 7-inch Touch Screen |
| Max Parallel | 16 |
| Rated Voltage | 51.2V |
| Max Charging Current | 200A |
| Cycle Life | ≥6000-8000 Times |
| Max Continuous Discharge Current | 200A |

Applications:

With a rated capacity of 300AH (15.36KWH) and a maximum continuous discharge current of 200A, the ENIKOL ESK-4830CWT can ---

provide stable and continuous power supply for household appliances and electronics. The charging voltage of 58.4V guarantees fast and efficient recharging, which ensures the battery can be fully charged during off-peak electricity hours.

ENIKOL ESK-4830CWT has obtained CE, FCC, UKCA, U38.3, and MSDS certifications, which means it meets strict safety and quality standards. It is available for purchase with a negotiable price and a minimum order quantity of 1 piece. The packaging details include wooden box packaging to ensure safe delivery.

This household energy storage battery is suitable for various occasions and scenarios, such as:

Off-grid homes: ENIKOL ESK-4830CWT can store enough energy to power a household for a day or two, which is especially useful for off-grid homes that are not connected to the grid.

Peak shaving: ENIKOL ESK-4830CWT can be charged during off-peak hours and discharged during peak hours, which helps to reduce the electricity bill and relieve the burden on the grid.

Emergency backup: ENIKOL ESK-4830CWT can provide backup power during power outages or emergencies, which ensures the household can still have access to electricity.

ENIKOL ESK-4830CWT is manufactured in Shenzhen and has a supply ability of 4000 pieces per week. It can be purchased with various payment terms, including T/T, L/C, D/A, D/P, Western Union, and MoneyGram. The delivery time is around 7-15 days, depending on the destination.

Customization:

ENIKOL ESK-4830CWT Household Energy Storage Battery

Place of Origin: Shenzhen

Model Number: ESK-4830CWT

Certification: CE, FCC, UKCA, U38.3, MSDS

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

Cycle life: ≥6000-8000 Times

Display: 7-inch Touch Screen

Max Charging Current: 200A

Type of Battery: Lithium Iron Phosphate (LiFePO4)

Rated Voltage: 51.2V



Support and Services:

The Home Energy Storage Battery product comes with comprehensive technical support and services, including:

- Installation and setup assistance
- Troubleshooting and issue resolution
- Regular software updates and maintenance
- Warranty and repair services

Our team of experts is available to provide any assistance you may need in order to ensure the optimal performance and longevity of your home energy storage battery.

Packing and Shipping:

Product Packaging:

The Home Energy Storage Battery product will be packaged securely in a sturdy cardboard box with ample padding to prevent any damage during transport. The box will also include a user manual and all necessary cables and accessories for installation.

Shipping:

Shipping is done through a reputable courier service provider to ensure timely and safe delivery. Once the order is confirmed, customers will receive a tracking number to monitor the progress of their delivery.

FAQ:

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: What certifications does the Home Energy Storage Battery have?

A3: The Home Energy Storage Battery has CE, FCC, UKCA, U38.3, and MSDS certifications.

Q4: What is the minimum order quantity for the Home Energy Storage Battery?

A4: The minimum order quantity for the Home Energy Storage Battery is 1 piece.

Q5: What is the packaging and delivery time for the Home Energy Storage Battery?

A5: The Home Energy Storage Battery is packaged in wooden boxes and has a delivery time of 7-15 days. The price is negotiable and payment terms include T/T, L/C, D/A, D/P, Western Union, and MoneyGram. The supply ability is 4000 pieces per week.

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