

## 300AH Household Energy Storage Battery With 51.2V Rated Voltage And Built-In 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: USD970 for sample Wholesale prices are 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)
- Display: LCD/ Touchable Screen
- Rated Voltage: 51.2V
- Rated Capacity: 300AH(15360WH)
- Charging Voltage: 58.4V
- Max Charging Current: 200A
- Max Continuous Discharge Current: 200A(10KW)
- BMS: Built In BMS
- Shell Material: White Painted Steel
- Cycle Life: ≥6000 Times
- Highlight: 51.2V Household Energy Storage Battery,  
300AH Household Energy Storage Battery



### More Images

7-inch touchable screen





## Product Description

### Specific parameters:

Product Model	ESK-4830CWT
Type of Battery	Lithium Iron Phosphate
Rated capacity	300AH(15360WH)
Rated voltage	51.2V
Charging voltage	58.4V
Max charging current	200A
Max continuous discharge current	200A
Weight	130kg
Dimension (L * W * H) mm	975*460*280
Display	LCD/Touchable screen
Warranty	5 years
Communication function	CAN/RS485/RS232
Shell Material	White painted steel
Cycle life	≥6000 times
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/INVT/Voltronic/SOFAR/SOROTEC,etc.
Bluetooth function	Optional
Application	Home Appliances, Industrial and commercial energy storage,Household energy storage,Large-scale photovoltaic energy storage projects,UPS energy storage

### Product Description:

The Household Energy Storage Battery is also incredibly versatile. It has a max parallel of 16, which means that you can connect multiple batteries together to increase your energy storage capacity. This is particularly useful for those who have high energy demands or want to build a backup power system for their home.

Overall, the Household Energy Storage Battery is an excellent investment for anyone looking to reduce their reliance on traditional energy sources and become more self-sufficient. With its high capacity, fast charging time, and durable shell material, this battery is sure to provide reliable and sustainable energy storage for years to come.



#### Technical Parameters:

Product Attribute	Technical Parameter
Product Name	Household Energy Storage Battery
Rated Voltage	51.2V
Display	LCD/ Touchable Screen
BMS	Built In BMS
Shell Material	White Painted Steel
Max Charging Current	200A
Rated Capacity	300AH (15360WH)
Type of Battery	Lithium Iron Phosphate(LiFePO4)
Cycle life	≥6000 Times
Max parallel	16
Max continuous discharge current	200A(10KW)

#### Applications:

One of the scenarios where the ESK-4830CWT can be used is for off-grid living. This product can store energy generated from solar panels or wind turbines, allowing households to have a reliable source of energy even when off-grid. It can also be used as a backup power supply during power outages. With its high-rated capacity, it can power household appliances such as refrigerators, air conditioners, and lights for an extended period.

The ESK-4830CWT can also be used for commercial applications such as in data centers and telecommunications facilities. These facilities require a reliable source of energy to ensure uninterrupted operations. With its high-rated capacity and built-in BMS, the ESK-4830CWT can provide a reliable backup power supply.

In conclusion, the ESK-4830CWT is a versatile household energy storage battery that can be used in various scenarios and applications. It is a reliable source of energy that can provide uninterrupted power supply during power outages and off-grid living. Its high-rated capacity and built-in BMS make it suitable for commercial applications as well.



**51.2V  
300AH/  
15.36KWH**

**Cycle Life  
≥ 8000 times**

**7-inch  
touchable  
screen**

#### Customization:

Our batteries are designed for a variety of applications, providing reliable and long-lasting power. However, to ensure that we recommend the most suitable product for your specific needs, could you please provide us with additional information?

1. Could you specify the total power consumption (in watts) of the appliances you wish to operate?
2. What is the duration (in hours) you require the battery to support these appliances during a power outage or off-grid situation?
3. Will this battery be integrated into an existing solar power system, or are you planning to set up a new system?
4. What is your preferred delivery location?

Once we have this information, we will be able to provide you with a detailed proposal and assist you further.

#### Support and Services:

Our Home Energy Storage Battery product comes with comprehensive technical support and services to ensure that your battery operates efficiently and effectively. Our team of experts are available to assist with any technical issues or questions you may have about the product, including installation, maintenance, and troubleshooting.

We offer a range of services to help you maximize the performance of your battery, including remote monitoring and diagnostics, regular software updates, and battery performance analysis. Our team also provides training and education to help you fully understand the capabilities of your battery and how to use it to its full potential.

In addition, we offer a warranty program to give you peace of mind and protect your investment. Our warranty covers any defects in materials and workmanship, as well as any issues that may arise during the normal operation of the battery.

Overall, our technical support and services are designed to provide you with the best possible experience with our Home Energy Storage Battery product, and to ensure that you get the most out of your investment.



#### FAQ:

Here are some frequently asked questions and answers about the ENIKOL Home Energy Storage Battery:

**Q: What is the model number of the ENIKOL Home Energy Storage Battery?**

A: The model number is ESK-4830CWT.

**Q: Where is the ENIKOL Home Energy Storage Battery manufactured?**

A: The ENIKOL Home Energy Storage Battery is manufactured in Shenzhen.

**Q: What certifications does the ENIKOL Home Energy Storage Battery have?**

A: The ENIKOL Home Energy Storage Battery is certified with CE, FCC, UKCA, U38.3, and MSDS.

**Q: What is the minimum order quantity for the ENIKOL Home Energy Storage Battery?**

A: The minimum order quantity is 1 piece.

**Q: What is the price of the ENIKOL Home Energy Storage Battery?**

A: The price for a sample is USD1100. Wholesale prices are negotiable.

**Q: How is the ENIKOL Home Energy Storage Battery packaged for shipping?**

A: The ENIKOL Home Energy Storage Battery is packaged in a wooden box for shipping.

**Q: What is the delivery time for the ENIKOL Home Energy Storage Battery?**

A: The delivery time is 7-15 days.

**Q: What payment methods are accepted for the ENIKOL Home Energy Storage Battery?**

A: Payment can be made through T/T, L/C, D/A, D/P, Western Union, or MoneyGram.

**Q: What is the supply ability of the ENIKOL Home Energy Storage Battery?**

A: The supply ability is 4000 pieces per week.

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