

## 51.2V 200AH LiFePO4 Home Battery System Solar Energy Lithium Ion Battery

### 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-4820CW (Wall mounted & floor standing)
- Minimum Order Quantity: 1 piece
- Price: USD1139 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

- Rated Voltage: 51.2V
- Max Continuous Discharge Current: 200A(10KW)
- Charging Voltage: 58.4V
- Max Parallel: 16
- Display: LCD
- BMS: Built In BMS
- Shell Material: White Painted Steel
- Cycle Life: ≥6000 Times
- Highlight: Solar Energy Home Battery System, 200AH Home Battery System, 51.2V Home Battery System



#### More Images





## Product Description

### Specific parameters:

Product Model	ESK-4820CW
Type of Battery	Lithium Iron Phosphate
Max parallel	16 sets
Rated capacity	200AH (10240WH)
Rated voltage	51.2V
Charging voltage	58.4V
Max charging current	200A
Max continuous discharge current	200A optional
Weight	85kg
Dimension (L* W * H) mm	955*460*195
Display	LCD
Warranty	5 years
Communication function	CAN/RS485/RS232
Shell Material	White painted steel
Cycle life	≥8000 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/Sme/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:

When it comes to continuous discharge current, the Household Energy Storage Battery is capable of handling up to 200A (10KW). This means that it can easily power most household appliances without any issues.

The shell of the Household Energy Storage Battery is made from high-quality painted steel, which ensures that it is durable and long-lasting. This material is also resistant to corrosion and other environmental factors, which makes it ideal for use in a variety of different settings.

Overall, the Household Energy Storage Battery is a reliable and efficient solution for any household looking to reduce their reliance on traditional energy sources. With its long cycle life, high discharge capacity, and durable shell, this battery is sure to provide years of trouble-free service.



48V 200AH

10Kwh

Grade-A

8000<sup>+</sup> CYCLES

Fast  
Delivery

### Features:

Product Name: Home Energy Storage Battery

Max parallel: 16

Cycle life: ≥6000 Times

Max continuous discharge current: 200A(10KW)

Max Charging Current: 200A

This product is a Household Energy Storage Battery that has a maximum of 16 parallel connections, a cycle life of at least 6000 times, a maximum continuous discharge current of 200A(10KW), and a communication function of RS485/RS232/CAN. It also has a maximum charging current of 200A.

### Applications:

The ESK-4820CW can be used in various occasions and scenarios, such as:

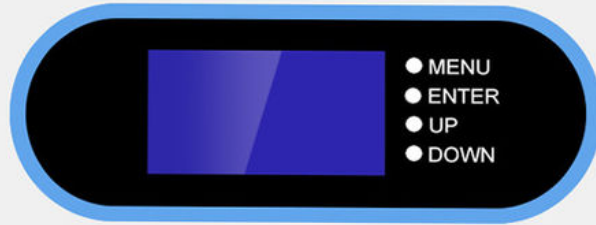
**Off-Grid Systems:** For households that rely on solar power or other renewable energy sources, the ESK-4820CW can store excess energy for use during times of low production or in emergencies.

**Peak-Shaving:** During periods of high energy consumption, such as during hot summers or cold winters, the ESK-4820CW can provide additional power to reduce the load on the grid and lower electricity bills.

**Backup Power:** In case of a power outage, the ESK-4820CW can provide a reliable source of backup power for essential appliances and devices.

**Electric Vehicle Charging:** The ESK-4820CW can also be used to charge electric vehicles, providing a convenient and eco-friendly option for households with EVs.

Overall, the ESK-4820CW Household Energy Storage Battery is a versatile and reliable solution for storing and utilizing energy in households. Its high-quality materials, certifications, and communication functions make it an excellent choice for any household looking to reduce energy costs, increase energy independence, and contribute to a more sustainable future.



### Customization:

ENIKOL offers customizable services for its household energy storage battery, the ESK-4820CW. This battery can be wall mounted or floor standing, and is made in Shenzhen with CE, FCC, UKCA, U38.3, and MSDS certifications. The minimum order quantity is 1 piece, and the price for a sample is USD1139 (wholesale prices are negotiable). The battery is packaged in a wooden box for safe delivery, and has a delivery time of 7-15 days. Payment terms accepted include T/T, L/C, D/A, D/P, Western Union, and MoneyGram. ENIKOL has a supply ability of 4000 pieces per week. The ESK-4820CW has a maximum parallel of 16, and a cycle life of  $\geq 6000$  times. The charging voltage is 58.4V, with a max continuous discharge current of 200A (10KW). The rated capacity is 200AH (10240WH).



### Support and Services:

The Home Energy Storage Battery product technical support and services include:

- Assistance with installation and setup of the battery system
- Troubleshooting any technical issues with the battery
- Software updates to improve functionality and security
- Monitoring of battery performance and providing insights to improve energy efficiency
- Replacement of faulty parts or batteries, if necessary

### Packing and Shipping:

Product Packaging:

This Home Energy Storage Battery product will be securely packaged in a sturdy wooden box to ensure safe delivery. Inside the box, the battery will be wrapped in protective foam to prevent any damage during transportation.

Shipping:

The Home Energy Storage Battery product will be shipped via a reliable courier service such as Trucking, UPS or FedEx. The shipping time will depend on the destination. A tracking number will be provided so customers can track their package throughout the shipping process.

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