

## Solar Energy 51.2V Lithium Iron Phosphate Battery 200AH Home Energy Storage System

### 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

- Type Of Battery: Lithium Iron Phosphate(LiFePO4)
- Rated Voltage: 51.2V
- Rated Capacity: 200AH(10240WH)
- Communication Function: RS485/RS232/CAN
- Max Parallel: 16
- BMS: Built In BMS
- Cycle Life:  $\geq 6000$  Times
- Shell Material: White Painted Steel
- Highlight: 200AH Lithium Iron Phosphate Battery ,  
51.2V Lithium Iron Phosphate Battery ,  
200AH Home Energy Storage System



#### More Images





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### Product Description

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(10kw)
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
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.
Application	Home Appliances, Industrial and commercial energy storage,Household energy storage,Large-scale photovoltaic energy storage projects,UPS energy storage

### Product Description:

Built with a reliable Built-In BMS, this energy storage battery ensures that all cells are properly balanced, allowing for optimal performance and longevity. The LCD display provides real-time data on the battery's status, making it easy for homeowners to monitor their energy usage and make decisions about how to use their stored energy.


This battery can store excess solar energy during the day and release it at night when it is needed. This means that homeowners can reduce their reliance on the grid and save money on their energy bills.

## Review From The Customers


M\*\*\*\*\*K  
United States

Supplier Service: **Very satisfied** (5 stars)  
On-time Shipment: **Very satisfied** (5 stars)

04 May 2023 01:28



48V lithium ion battery total capacity 10KWH 5K...  
**★★★★★**  
**wooden box package**  
Many thanks for your timely service for my order, the **wooden box package** are very well for the batteries after I received the goods, keep very well and no any damage during shipping.



Rechargeable 5kw 10kw LiFePO4 Lithium Battery 24V...  
**★★★★★**  
Many thanks for your timely service for my order, the **wooden box package** are very well for the batteries after I received the goods, **keep very well and no any damage during shipping**.  
**no damage during shipping!**

M\*\*\*e  
Canada

**★★★★★**  
Good quality, the body is **very durable** the seller responds very quickly, I highly recommend.

2023/05/04

M\*\*\*e  
Canada

**★★★★★**  
Excellent quality product. Wonderful communication everything went very professional. Glad I found this seller on Ali baba. I highly recommend buying product from them.


2023/05/04

M\*\*\*K  
United States

**★★★★★**  
Many thanks for your timely service for my order, the wooden box package are very well for the batteries after I received the goods, keep very well and no any damage during shipping.

2023/05/04

M\*\*\*K  
United States



Factory 48v solar battery lithium ion Deep Cycle 48 vo...  
**★★★★★**  
Perfect product as usual. Quick reliable supplier that is always very knowledgeable.

2023/03/01

M\*\*\*e  
Canada

**★★★★★**  
**prepare for the second order!**  
The quality of the battery is very good, powerful power, very professional supplier, **let me prepare the second order** thank you!

2022/07/21

M\*\*\*e  
Canada

**★★★★★**  
**quality is great!**  
Already received the product, it looks great and it's easy to use, the point is that the **quality is great!**

2022/07/21

M\*\*\*e  
Canada

**★★★★★**  
**high quality at good price!**  
I was pleasantly surprised by this battery **well worth it for such a quality product at this price.**

2022/07/21

## Technical Parameters:

Shell Material	White Painted Steel
BMS	Built In BMS
Communication function	RS485/RS232/CAN
Max Charging Current	200A
Rated Voltage	51.2V
Cycle life	≥6000 Times
Max continuous discharge current	200A(10KW)
Display	LCD
Max parallel	16
Rated Capacity	200AH(10240WH)

## Applications:

The ESK-4820CW is designed to work with solar panels or other renewable energy sources, allowing you to store excess energy generated during the day for use at night. This means you can reduce your reliance on the grid and save money on your energy bills. The battery's rated voltage of 51.2V and charging voltage of 58.4V make it compatible with a range of renewable energy sources.

With a maximum continuous discharge current of 200A (10KW) and the ability to connect up to 16 parallel batteries, the ESK-4820CW is a powerful and flexible energy storage solution. It's perfect for households that need to power multiple appliances or devices at once, and it can be easily scaled up to meet the needs of larger homes.

The ESK-4820CW is certified by CE, FCC, UKCA, U38.3, and MSDS, ensuring that it meets the highest safety and quality standards. It's available for a minimum order quantity of 1 piece, with wholesale prices negotiable. The battery is shipped in a wooden box for added

protection during transport, and delivery time is typically 7-15 days. Payment terms include T/T, L/C, D/A, D/P, Western Union, and MoneyGram, and ENIKOL has a supply ability of 4000 pieces per week.

In summary, the ENIKOL ESK-4820CW household energy storage battery is a versatile and reliable solution for homeowners looking to save money on their energy bills and reduce their carbon footprint. With its powerful performance, flexible scalability, and high-quality certification, it's the perfect choice for households of all sizes.

# ENIKOL



## Support and Services:

Our Home Energy Storage Battery product comes with technical support and services to ensure optimal performance and customer satisfaction. Our team of experts is available to provide assistance with installation, configuration, and troubleshooting of the product. We also offer regular software updates and maintenance services to keep the product up-to-date and functioning at its best. Our technical support and services aim to provide our customers with a seamless and hassle-free experience with their Home Energy Storage Battery.

## FAQ:

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

A1: The brand name of this product is ENIKOL.

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

A2: The model number of this product is ESK-4820CW, which is available in both wall mounted and floor standing options.

**Q3: Where is the ENIKOL home energy storage battery manufactured?**

A3: The product is manufactured in Shenzhen, China.

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

A4: This product is certified with CE, FCC, UKCA, U38.3, and MSDS.

**Q5: What is the minimum order quantity for the ENIKOL home energy storage battery and what is the price?**

A5: The minimum order quantity is 1 piece and the sample price is USD1139. Wholesale prices are negotiable. The product is packaged in a wooden box 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. The supply ability is 4000 pieces per week.



10Kwh ✓

Grade-A ✓

8000<sup>+</sup> cycles ✓

Fast Delivery ✓

**ENIKOL** Damien New Energy Technology (Shenzhen) Co., Ltd.

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