



## Built In BMS And RS485/CAN Protocol 48V LiFePO4 Battery 100AH Energy Storage System 20kwh

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-4810CS Stackable
- Minimum Order Quantity: 1 piece
- Price: USD668 for sample Wholesale prices are negotiable
- Packaging Details: Carton + Wooden Frame
- 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
- Rated Capacity: 100AH(5120WH) Per Sets
- Max Parallel: 16
- BMS: Built In BMS
- Max Continuous Discharge Current: 100A(5KW)
- Communication Function: RS485/CAN Protocol
- Cycle Life:  $\geq 6000$  Times
- Max Charging Current: 100A
- Highlight: 100AH 48V LiFePO4 Battery,  
20kwh 48V LiFePO4 Battery,  
RS485/CAN Protocol LiFePO4 Battery



### More Images



## Product Description

<b>Product Model</b>	<b>ESK-4810CS</b>
<b>Type of Battery</b>	Lithium Iron Phosphate
<b>Cell layout</b>	16S1P
<b>Max parallel</b>	16sets
<b>Rated capacity</b>	100AH(5120WH) for each
<b>Rated voltage</b>	51.2V
<b>Charging voltage</b>	58.4V
<b>Output Power Range</b>	5KW~80KW
<b>Battery Weight</b>	48.5kg per set
<b>Battery Dimension (L* W * H)</b>	72*40*20cm
<b>Base Weight</b>	15kg
<b>Base Dimension (L* W * H)</b>	72*40*15cm
<b>Display</b>	LCD
<b>Warranty</b>	5 years
<b>Communication Function</b>	CAN/RS485
<b>Cycle Life</b>	≥6000 times

### Product Description:

With a rated voltage of 51.2V, this battery is designed to power your home with efficient and reliable energy. The built-in BMS ensures that the battery operates at optimal performance and protects against overcharging or over-discharging. The LCD display provides real-time information on the battery's status, including the remaining capacity and charging/discharging current. This allows you to monitor the battery's usage and adjust accordingly to optimize energy consumption. The shell material is made of white-painted steel, providing a sleek and durable design that can withstand the wear and tear of everyday use. This battery is also easy to install and maintain, making it a convenient addition to any household. Overall, our Household Energy Storage Battery is a reliable and efficient solution for storing energy in your home. With its advanced technology and user-friendly design, you can enjoy uninterrupted power and peace of mind.



### Features:

**Matched solar inverter brands:** PYLONTECH/GOODWE/Growatt/SMA/Victron/TBB/Must/Srne/MEGAREVO/Deye/INVT/Voltronic/SOFAR/SOROTEC,etc.

**Protection function:** Overcharge protection,over discharge protection,over-current protection,short circuit protection,over temperature protection and low voltage alarm

**Application:** Home Appliances, Industrial and commercial energy storage,Household energy storage,Large-scale PV energy storage projects,UPS energy storage

### Applications:

The ENIKOL ESK-4810CS (Stackable) is suitable for a wide range of occasions and scenarios. It is perfect for households that experience frequent power outages, as it provides a reliable backup power supply. It is also suitable for small businesses that require a reliable and efficient power supply to keep their operations running smoothly. This product can be used to power a wide range of appliances, including refrigerators, televisions, and computers. This Household Energy Storage Battery can be used in combination with solar panels, which makes it an excellent choice for homes and businesses that want to use renewable energy sources. With a charging voltage of 58.4V, this product can quickly recharge and provide power when you need it the most. The ENIKOL ESK-4810CS (Stackable) is an excellent investment for anyone who wants to have a reliable backup power supply for their home or business.



## Support and Services:

Our Home Energy Storage Battery product comes with comprehensive technical support and services to ensure that you get the most out of your investment. Our team of experts is available to assist you with any issues or questions you might have, and we offer a range of services to help you maintain and optimize your battery system.

Our technical support services include:

24/7 phone and email support

Online resources and documentation

Remote diagnostics and troubleshooting

Repairs and maintenance

In addition to technical support, we also offer a range of professional services to help you get the most out of your battery system:

Installation and commissioning

System design and consultation

Performance monitoring and analysis

Battery replacement and recycling

Our goal is to provide you with the best possible support and service throughout the lifetime of your Home Energy Storage Battery. Please don't hesitate to reach out to us if you have any questions or concerns.

## FAQ:

Here are some frequently asked questions and answers about ENIKOL ESK-4810CS Home Energy Storage Battery:

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

A: The brand name is ENIKOL.

**Q: What is the model number of this home energy storage battery?**

A: The model number is ESK-4810CS (Stackable).

**Q: Where is this home energy storage battery manufactured?**

A: This home energy storage battery is manufactured in Shenzhen.

**Q: What certifications does this home energy storage battery have?**

A: This home energy storage battery is certified with CE, FCC, UKCA, U38.3, and MSDS.

**Q: What is the minimum order quantity for this home energy storage battery?**

A: The minimum order quantity is 1 piece.

**Q: What is the price of this home energy storage battery?**

A: The price for a sample is USD668. Wholesale prices are negotiable.

**Q: What are the packaging details for this home energy storage battery?**

A: The packaging details are carton + wooden frame.

**Q: How long does it take for this home energy storage battery to be delivered?**

A: The delivery time is 7-15 days.




**Q: What payment terms are accepted for this home energy storage battery?**

A: Payment terms accepted are T/T, L/C, D/A, D/P, Western Union, and MoneyGram.

**Q: What is the supply ability of this home energy storage battery?**

A: The supply ability is 4000 pieces per week.

## Review From The Customers

M*****K United States	Supplier Service: <b>Very satisfied</b> (5 stars)	04 May 2023 01:28
	On-time Shipment: <b>Very satisfied</b> (5 stars)	
	48V lithium ion battery total capacity 10KWH 5K... <b>★★★★★</b> <b>wooden box package</b> Many thanks for your timely service for my order, the <b>wooden box package</b> are very well for the batteries after I received the goods, keep very well and no any damage during shipping.	👍 0
	Rechargeable 5kw 10kw LiFePO4 Lithium Battery 24V... <b>★★★★★</b> Many thanks for your timely service for my order, the <b>wooden box package</b> are very well for the batteries after I received the goods, <b>keep very well and no any damage during shipping.</b> <b>no damage during shipping!</b>	👍 1
M***e Canada	<b>★★★★★</b> Good quality, the body is <b>very durable</b> the seller responds very quickly, I highly recommend.	2023/05/04
M***e Canada	<b>★★★★★</b> <b>very durable</b> 👍 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	<b>★★★★★</b> 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 v... <b>★★★★★</b> Perfect product as usual. Quick reliable supplier that is always very knowledgeable.	👍 0
M***e Canada	<b>★★★★★</b> <b>prepare for the second order!</b> The quality of the battery is very good, powerful power, very professional supplier, <b>let me prepare the second order</b> thank you!	2023/03/01
M***e Canada	<b>★★★★★</b> <b>quality is great!</b> Already received the product, it looks great and it's easy to use, the point is that the <b>quality is great!</b>	2022/07/21
M***e Canada	<b>★★★★★</b> <b>high quality at good price!</b> I was pleasantly surprised by this battery <b>well worth it for such a quality product at this price.</b>	2022/07/21

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