

## Household Energy Storage 100ah 48v Solar Battery Lifepo4 Battery with BMS

Our Product Introduction

for more products please visit us on [enikolnewenergy.com](http://enikolnewenergy.com)

### Basic Information

- Place of Origin: Shenzhen
- Brand Name: ENIKOL
- Certification: CE, FCC, UKCA, U38.3, MSDS
- Model Number: ESK4810CR
- Minimum Order Quantity: 1 unit
- Price: Negotiable
- Packaging Details: Carton packaging
- Delivery Time: 7-15 days
- Payment Terms: T/T, L/C, D/A, D/P
- Supply Ability: 4000 pieces per week



### Product Specification

- Rate Voltage: 51.2 V
- Battery Type: Lithium Iron Phosphate
- BMS: Built In BMS
- Charging Temperature: 0 To +55
- Product Size: 460\*442\*117mm
- Net Weight: 43kg
- Warranty: 5 Years
- Protection Function: Overcharge Protection, Over Discharge Protection, Over Current Protection, Short Circuit Protection, Over Temperature Protection And Low Voltage Alarm
- Highlight: Household 48v Solar Battery, 100ah 48v Solar Battery, Lifepo4 Battery with BMS

ENIKOL



### More Images



## Product Description

### Product Description:

Product Model	ESK-4810CR
Type of Battery	Lithium Iron Phosphate
Rated capacity	100AH(5120WH)
Rated voltage	51.2v
Charging voltage	58.4V
Warranty	5 years
Communication function	CAN/RS485 or dry contact
Cycle life	≥6000 times
Max charging current	100A

The 48V Solar Battery features a black painted steel shell, which not only provides a sleek and professional appearance but also offers added protection. This shell material is optional, allowing you to choose the best fit for your specific needs and preferences.

One of the greatest advantages of the 48V Solar Battery is its ability to be used in parallel with up to 64 sets. This means that you can expand your solar system and increase your energy storage capacity without having to replace your existing batteries. This makes it a cost-effective and convenient option for those looking to grow their solar power system over time.

Whether you are looking to power your home or business, the 48V Solar Battery is a reliable and efficient choice. With its high voltage and current capacity, durable construction, and ability to be used in parallel, it is sure to meet your energy storage needs.



### Features:

Product Name: 48V Solar Battery

Shell Material: Black Painted Steel Shell (optional)

Communication Function: RS485/ CAN Protocol

Rate Voltage: 51.2 V

Display: LCD

Application: Home Appliances, Industrial And Commercial Energy Storage, Household Energy Storage, Large-scale PV Energy Storage Projects, UPS Energy Storage

Technical Parameters:

Rate Voltage	51.2 V
Matched Solar Inverter brands	PYLONTECH/ GOODWE/ Growatt/ SMA/ Victron/ TBB/ Must/ Srne/ MEGAREVO/ Deye/ INVT/ Voltronic/ SOFAR/ SOROTEC, Etc.
Rated Capacity	100AH (5120WH)
Product Size	460*442*117mm
Communication Function	RS485/ CAN Protocol
Battery Type	Lithium Iron Phosphate
BMS	Built In BMS
Application	Home Appliances, Industrial And Commercial Energy Storage,Household Energy Storage, Large-scale PV Energy Storage Projects, UPS Energy Storage
Model Type	Rack Mounted
Charging Voltage	58.4V

Applications:

The ENIKOL ESK4810CR is a 48V solar battery that is manufactured in Shenzhen and certified by CE, FCC, UKCA, U38.3, and MSDS. This battery type is Lithium Iron Phosphate and has a maximum continuous discharge current of 100A (5KW). It is designed to work with various matched solar inverter brands such as PYLONTECH, GOODWE, Growatt, SMA, Victron, TBB, Must, Srne, MEGAREVO, Deye, INVT, Voltronic, SOFAR, SOROTEC, and others.

The ESK4810CR 48V Solar Battery is suitable for various applications and scenarios. It is ideal for use in residential and commercial solar systems, off-grid solar systems, and hybrid solar systems. The battery can store solar energy during the day and discharge it at night, providing continuous power supply to homes and businesses. It also helps to reduce dependence on the grid and lower electricity bills.

The ESK4810CR 48V Solar Battery is also useful for emergency backup power. In the event of a power outage, the battery can provide backup power for essential appliances such as lights, refrigerators, and communication devices. It is a reliable source of backup power for homes, hospitals, schools, and businesses.

The ESK4810CR 48V Solar Battery is easy to install and maintain. It comes with carton packaging and can be delivered within 7-15 days. The minimum order quantity is one unit, and the price is negotiable. Payment terms include T/T, L/C, D/A, and D/P. The battery has a charging voltage of 58.4V and a charging temperature range of 0 to +55 . It has a supply ability of 4000 pieces per week.

Overall, the ESK4810CR 48V Solar Battery is a reliable and efficient energy storage system that can help homes and businesses to reduce their carbon footprint and save money on electricity bills. It is a valuable investment for anyone looking for a sustainable and cost-effective source of power.

Customization:

Brand Name: ENIKOL

Model Number: ESK4810CR

Place of Origin: Shenzhen

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

Minimum Order Quantity: 1 unit

Price: Negotiable

Packaging Details: Carton packaging

Delivery Time: 7-15 days

Payment Terms: T/T, L/C, D/A, D/P

Supply Ability: 4000 pieces per week

Model Type: Rack Mounted

Protection Function: Overcharge Protection, Over Discharge Protection, Over Current Protection, Short Circuit Protection, Over Temperature Protection And Low Voltage Alarm

Charging Voltage: 58.4V

Application: Home Appliances, Industrial And Commercial Energy Storage,Household Energy Storage, Large-scale PV Energy Storage Projects, UPS Energy Storage

BMS: Built In BMS



### Support and Services:

The 48V Solar Battery product is backed by our comprehensive technical support and services team. Our experts are available to assist with any questions or issues you may have regarding the installation, operation, or maintenance of your solar battery system. We provide a range of support services, including:

[Technical support via phone or email](#)

[On-site installation and commissioning services](#)

[Remote monitoring and diagnostic services](#)

[Regular maintenance and servicing](#)

[Warranty and repair services](#)

Additionally, we offer training and education services to help you and your team get the most out of your solar battery system. Our training programs cover topics such as system design, installation, and maintenance, as well as best practices for maximizing system performance and efficiency.

### Packing and Shipping:

Product Packaging:

[1 x 48V Solar Battery](#)

[1 x User Manual](#)

[1 x Warranty Card](#)

Shipping:

[Ships within 1-2 business days](#)

[Free standard shipping within the United States](#)

[International shipping available for an additional fee](#)

### FAQ:

**Q1: What is the model number of the 48V solar battery?**

A1: The model number of the 48V solar battery is ESK4810CR.

**Q2: Where is the ENIKOL 48V solar battery manufactured?**

A2: The ENIKOL 48V solar battery is manufactured in Shenzhen.

**Q3: What certifications does the ENIKOL 48V solar battery have?**

A3: The ENIKOL 48V solar battery is certified by CE, FCC, UKCA, U38.3, and MSDS.

**Q4: What is the minimum order quantity for the ENIKOL 48V solar battery?**

A4: The minimum order quantity for the ENIKOL 48V solar battery is 1 unit.

**Q5: What are the available payment terms?**

A5: The available payment terms are T/T, L/C, D/A, and D/P.



86 17727596282



andy@enikolnewenergy.com



enikolnewenergy.com

Guangming District, Shenzhen, Guangdong Province, China