

## Energy Storage Lithium Batteries 48V Solar Battery Lifepo4 Rack 51.2v 100ah 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-4810CR
- Minimum Order Quantity: 1 unit
- Price: Negotiation
- Packaging Details: Wooden case
- Delivery Time: 7-15 days
- Payment Terms: T/T, L/C, D/A, D/P, Western Union, MoneyGram
- Supply Ability: 4000 pieces per week

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### Product Specification

- Rate Voltage: 51.2V
- Charging Voltage: 58.4V
- Max Charging Current: 100A
- Max Continuous Discharge Current: 100A(5KW)
- Max Parallel: 64 Sets
- Display: LCD
- Cycle Life:  $\geq 6000$  Times
- Shell Material: Black Painted Steel Shell(optional)
- Highlight: Lifepo4 Rack 48V Solar Battery, 100ah 48V Solar Battery, 51.2v 48V Solar Battery

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### More Images

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## Product Description

### Product Description:

Product Model	ESK-4810CR
Type of Battery	Lithium Iron Phosphate
Cell layout	16S1P
Max parallel	64 sets
Rated capacity	100AH(5120WH)
Rated voltage	51.2v
Weight	43kg
Dimension (L* W * H)	460*442*117mm
Display	LCD
Warranty	5 years
Communication function	CAN/RS485 or dry contact
Cycle life	≥6000 times
Charging temperature	0 to +55
Operating temperature	-20 to +65

The 48V Solar Battery features an LCD display, allowing you to easily monitor the battery's status and performance. With its built-in BMS, you can rest assured that your battery is protected from overcharging, overdischarging, and overheating.

This battery is made of high-quality Lithium Iron Phosphate (LiFePO<sub>4</sub>) cells, known for their long life, high energy density, and excellent safety performance. These cells are specifically designed for use in solar energy systems and can withstand frequent charge and discharge cycles without losing capacity.

The 48V Solar Battery has a maximum charging current of 100A, allowing you to quickly and efficiently charge the battery with your solar panels. The battery's black painted steel shell provides extra protection and durability, making it an ideal choice for outdoor installation. Investing in the 48V Solar Battery means you can enjoy reliable and sustainable energy for years to come. Whether you're looking to power your home or business, this battery is the perfect choice for your solar energy system.

### Features:

**Product Name:** 48V Solar Battery

**Battery Type:** Lithium Iron Phosphate (LiFePO<sub>4</sub>)

**Shell Material:** Black Painted Steel Shell (optional)

**Max parallel:** 64 Sets

**Cycle life:** ≥6000 Times

**Rated Capacity:** 100AH (5120WH)



### Technical Parameters:

Technical Parameter	Value
Product Name:	48V Solar Battery
Cycle life:	≥6000 Times
Rated Capacity:	100AH (5120WH)
Charging Voltage:	58.4V
Max continuous discharge current:	100A(5KW)
Max parallel:	64 Sets
Communication function:	RS485/CAN
Display:	LCD
Rate Voltage:	51.2V
Battery Type:	Lithium Iron Phosphate (LiFePO4)
Max Charging Current:	100A

### Applications:

This product is manufactured in Shenzhen and is certified by CE, FCC, UKCA, U38.3, MSDS, making it a reliable and safe option for solar energy storage. With a built-in BMS, the battery is protected from overcharging, over-discharging, and short-circuiting, ensuring its longevity.

The ENIKOL ESK-4810CR 48V Solar Battery is ideal for various application occasions and scenarios, such as:

**Residential solar systems:** The battery can store excess solar energy generated during the day to be used at night or during power outages.

**Commercial solar systems:** The battery can help businesses reduce their energy bills by storing excess solar energy and using it when needed.

**Off-grid solar systems:** The battery can be used as a backup power source for remote locations without access to the grid.

**Electric vehicles:** The battery can be used to power electric vehicles, providing a reliable and long-lasting energy source.

This product has a rate voltage of 51.2V and comes with an LCD display, which provides real-time information on the battery's status, such as the remaining capacity and voltage. The ENIKOL ESK-4810CR 48V Solar Battery is available for negotiation in terms of price and has a minimum order quantity of 1 unit. It is packaged in a wooden case for safe transportation and has a delivery time of 7-15 days. Payment terms include T/T, L/C, D/A, D/P, Western Union, and MoneyGram, with a supply ability of 4000 pieces per week.

## Customization:

Customize your 48V Solar Battery from ENIKOL with our product customization services!

Brand Name: ENIKOL

Model Number: ESK-4810CR

Place of Origin: Shenzhen

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

Minimum Order Quantity: 1 unit

Price: Negotiation

Packaging Details: Wooden case

Delivery Time: 7-15 days

Payment Terms: T/T, L/C, D/A, D/P, Western Union, MoneyGram

Supply Ability: 4000 pieces per week

Cycle life: ≥6000 Times

Battery Type: Lithium Iron Phosphate (LiFePO4)

Display: LCD

Communication function: RS485/CAN

Charging Voltage: 58.4V

Get the 48V Solar Battery that meets your exact needs!

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## Support and Services:

The 48V Solar Battery product technical support and services include:

- Assistance with installation and startup
- Troubleshooting and diagnostic support
- Firmware and software updates
- Technical documentation and manuals
- Warranty and repair services
- Customer service and support

## Packing and Shipping:

Product Packaging:

**1x 48V Solar Battery**

**1x User Manual**

Shipping Information:

**Shipping Weight: 25 lbs**

**Shipping Dimensions: 24 x 12 x 12 inches**

**Shipping Carrier: UPS or FedEx**

**Estimated Shipping Time: 3-5 business days**

**Shipping Cost: To be calculated at checkout based on location**

## FAQ:

Here are some frequently asked questions about the ENIKOL ESK-4810CR 48V Solar Battery:

Q: What is the brand name of this product?

A: The brand name of this product is ENIKOL.

Q: What is the model number of this product?

A: The model number of this product is ESK-4810CR.

Q: Where is this product manufactured?

A: This product is manufactured in Shenzhen.

Q: What certifications does this product have?

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

Q: What is the minimum order quantity for this product?

A: The minimum order quantity for this product is 1 unit.

Q: What is the price of this product?

A: The price of this product is negotiable.

Q: What are the packaging details for this product?

A: The packaging details for this product include a wooden case.

Q: What is the delivery time for this product?

A: The delivery time for this product is 7-15 days.

Q: What are the payment terms for this product?

A: The payment terms for this product include T/T, L/C, D/A, D/P, Western Union, and MoneyGram.

Q: What is the supply ability for this product?

A: The supply ability for this product is 4000 pieces per week.

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



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