

## High Capacity 48v 100ah Solar Lithium Battery 20kw Renewable Energy 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: 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



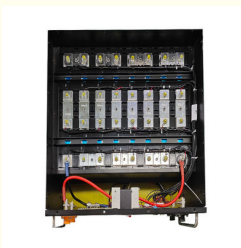
### Product Specification

- Rate Voltage: 51.2 V
- Rated Capacity: 100AH(5120WH)
- Max Charging Current: 100A
- Max Continuous Discharge Current: 100A (5KW)
- Charging Temperature: 0 To +55
- Display: LCD
- Shell Material: Black Painted Steel Shell (optional)
- Protection Function: Overcharge Protection, Over Discharge Protection, Over Current Protection, Short Circuit Protection, Over Temperature Protection And Low Voltage Alarm
- Highlight: 100ah Solar Lithium Battery, 20kw Solar Lithium Battery,

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### More Images



### Product Description

On

### Specific Parameters:

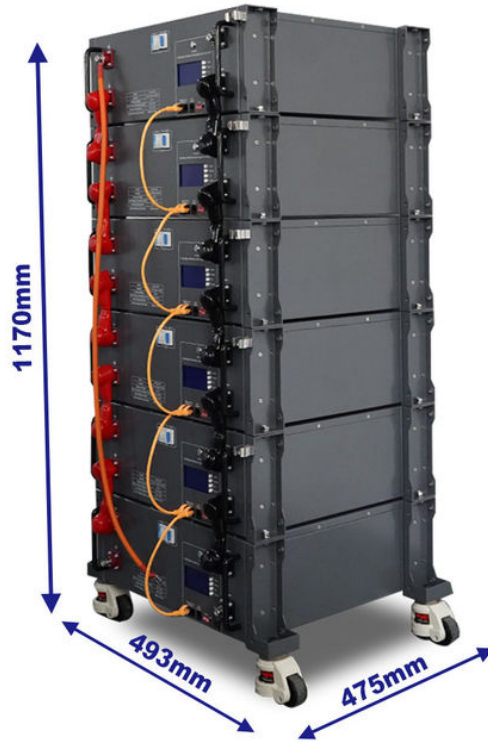
Product Model	ESK-4810CR
Type of Battery	Lithium Iron Phosphate
Cell layout	16S1P
Max parallel	64 sets
Rated capacity	100AH(5120WH)
Rated voltage	51.2v
Charging voltage	58.4V
Max charging current	100A
Max discharge current	100A
Weight	43kg
Dimension (L * W * H)	460*442*117mm
Display	LCD
Warranty	5 years
Communication function	CAN/RS485 or dry contact
Cycle life	≥6000 times
Charging temperature	0 to +55
Operating temperature	-20 to +65
Matched solar inverter brands	PYLONTECH/GOODWE/Growatt/SMA/Victron/TBB/Must/Srne/MEGAREVO/Deye/INVT/ /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 scale photovoltaic energy storage projects, UPS energy storage

### Product Description:

The 48V Solar Battery is equipped with communication functions such as RS485 and CAN protocol, which allows for easy communication with other components in a solar power system. This feature is especially useful for monitoring the battery's performance and ensuring that it is working optimally. With a maximum parallel capability of 64 sets, the 48V Solar Battery can be easily integrated into any solar power system.

The 48V Solar Battery is designed with safety in mind, and is built to withstand harsh environmental conditions. The battery's net weight of 43kg ensures that it is sturdy and can withstand the test of time. Whether you are using it for backup power or as part of your primary renewable energy system, the 48V Solar Battery is a reliable and long-lasting energy storage solution.

Overall, the 48V Solar Battery is an excellent choice for those who are looking for a high-performance energy storage system. With its rack-mounted design, communication functions, and maximum parallel capability, this battery is perfect for any solar power system. So if you are looking for a reliable and efficient energy storage solution, look no further than the 48V Solar Battery.



### Features:

Product Name: 48V Solar Battery  
 Product Size: 460\*442\*117mm  
 Protection Function: Overcharge Protection, Over Discharge Protection, Over Current Protection, Short Circuit Protection, Over Temperature Protection And Low Voltage Alarm  
 Operating Temperature: -20 To +65  
 Warranty: 5 Years  
 Shell Material: Black Painted Steel Shell (optional)

### Technical Parameters:

Max Continuous Discharge Current	100A (5KW)
Max Parallel	64 Sets
Communication Function	RS485/ CAN Protocol
Charging Voltage	58.4V
Max Charging Current	100A
Net Weight	43kg
Charging Temperature	0 To +55
Rate Voltage	51.2V
Display	LCD
Matched Solar Inverter brands	PYLONTECH/ GOODWE/ Growatt/ SMA/ Victron/ TBB/ Must/ Srne/ MEGAREVO/ Deye Voltronic/ SOFAR/ SOROTEC, Etc.

### Applications:

With a supply ability of 4000 pieces per week, this 48V solar battery is a perfect match for brands like PYLONTECH, GOODWE, Growatt, SMA, Victron, TBB, Must, Srne, MEGAREVO, Deye, INVT, Voltronic, SOFAR, SOROTEC, and more.  
 The protection function of the ENIKOL ESK4810CR 48V solar battery includes overcharge protection, over-discharge protection, over-current protection, short-circuit protection, over-temperature protection, and low voltage alarm.  
 The charging voltage of this solar battery is 58.4V, and the max charging current is 100A. It comes with carton packaging and takes 7-15 days for delivery. Payment terms are T/T, L/C, D/A, and D/P.  
 The ENIKOL ESK4810CR 48V solar battery is suitable for many application occasions and scenarios. It is perfect for off-grid solar systems, backup power systems, small home systems, and more.  
 Whether you are looking to power your home or business, this 48V solar battery is a reliable and efficient choice. Its durable construction ensures long-lasting performance, and its easy-to-install design makes it a popular choice among homeowners and businesses alike.

### Customization:

Customize your 48V Solar Battery with ENIKOL's Product Customization Services. The model number of our 48V Solar Battery is ESK4810CR and it is made in Shenzhen. Our product is certified with CE, FCC, UKCA, U38.3, and MSDS. The minimum order quantity

is 1 unit and the price is negotiable.  
The packaging details for our 48V Solar Battery is carton packaging and the delivery time is 7-15 days. We accept payment via T/T, L/C, D/A, and D/P. Our supply ability is 4000 pieces per week.  
The rate voltage for our 48V Solar Battery is 51.2V and it comes with a 5-year warranty. Our product is equipped with overcharge protection, over discharge protection, over current protection, short circuit protection, over temperature protection, and low voltage alarm. The shell material is a black painted steel shell (optional) and the max charging current is 100A.

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Support and Services:

Our 48V Solar Battery product comes with comprehensive technical support and services to ensure you get the most out of your purchase. Our team of experts is available to assist with any questions or issues you may have regarding installation, configuration, or operation of the battery.

In addition, we offer regular maintenance and repair services to keep your battery functioning optimally and prolong its lifespan. Our technicians are highly trained and experienced in working with solar batteries, so you can trust that your product is in good hands.

We also provide software updates and upgrades to ensure your battery is always up-to-date with the latest features and enhancements. Our goal is to provide you with a reliable and efficient energy storage solution that meets your needs and exceeds your expectations.

Packing and Shipping:

- Product Packaging:
- One 48V Solar Battery
- Mounting brackets and hardware
- User manual and installation guide
- Shipping Information:
- Ships within 2-3 business days
- Free standard shipping within the continental US
- International shipping available at an additional cost

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## FAQ:

**Frequently Asked Questions about ENIKOL ESK4810CR 48V Solar Battery:**

**Q1: What is the brand and model number of this solar battery?**

A1: The brand name of this solar battery is ENIKOL and the model number is ESK4810CR.

**Q2: Where is this solar battery manufactured?**

A2: This solar battery is manufactured in Shenzhen.

**Q3: What certifications does this solar battery have?**

A3: This solar battery is certified with CE, FCC, UKCA, U38.3, and MSDS.

**Q4: What is the minimum order quantity for this product?**

A4: The minimum order quantity for this product is 1 unit.

**Q5: What are the payment terms and delivery time for this product?**

A5: The payment terms for this product include T/T, L/C, D/A, and D/P. The delivery time is 7-15 days. The price is negotiable and the packaging details include carton packaging. The supply ability is 4000 pieces per week.

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