

48v Lithium Polymer Battery 100ah Cycle life ≥ 6000 Times for Solar 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: 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
- Max Parallel: 64 Sets
- Charging Voltage: 58.4V
- Max Charging Current: 100A
- Cycle Life: ≥ 6000 Times
- Display: LCD
- BMS: Built In BMS
- Shell Material: Black Painted Steel Shell(optional)
- Highlight: Solar Energy System Lithium Polymer Battery, 100ah Lithium Polymer Battery, 48v Lithium Polymer Battery



More Images

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Product Description

Battery Lifepo4 48v 100ah 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
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/Volt FAR/SOROTEC,etc.
Protection function	Overcharge protection,over discharge protection,over-current protection,short circuit protect temperature protection and low voltage alarm
Application	Home Appliances, Industrial and commercial energy storage,Household energy storage,Lar, photovoltaic energy storage projects,UPS energy storage

The 48V Solar Battery is equipped with an LCD display that allows you to monitor the battery's performance and status. The display shows the battery's charging status, voltage, and current, making it easy to manage. This feature is especially helpful for those who want to keep track of their battery's performance and ensure that their solar systems are running efficiently.

The 48V Solar Battery has a maximum parallel connection of 64 sets, which means that you can connect up to 64 batteries in parallel to increase your energy storage capacity. This feature makes it easy to expand your solar energy system as your energy needs increase, without having to replace your existing battery.

The 48V Solar Battery also comes with communication functions, including RS485 and CAN, which allow you to connect your battery to a monitoring system or other devices. This feature makes it easy to integrate your battery into your solar energy system and monitor its performance remotely.

In summary, the 48V Solar Battery is an excellent choice for those who want a reliable and efficient power supply for their solar energy system. With its Lithium Iron Phosphate (LiFePO4) battery type, rated capacity of 100AH (5120WH), LCD display, maximum parallel connection of 64 sets, and communication functions, this battery is a top-of-the-line product that will provide you with long-lasting power for your solar energy system.



5kw Lifepo4 Battery Features:

Product Name: 48V Solar Battery
Battery Type: Lithium Iron Phosphate (LiFePO4)
Shell Material: Black Painted Steel Shell(optional)
Rated Capacity: 100AH (5120WH)
Display: LCD
Charging Voltage: 58.4V

Technical Parameters:

Product Attribute	Value	
48V Solar Battery		
Rate Voltage	51.2V	
BMS	Built In BMS	
Shell Material	Black Painted Steel Shell(optional)	
Cycle life	≥6000 Times	
Max parallel	64 Sets	
Battery Type	Lithium Iron Phosphate (LiFePO4)	
Max continuous discharge current	100A(5KW)	
Communication function	RS485/CAN	
Max Charging Current	100A	
Charging Voltage	58.4V	

Lithium Battery 100ah Applications:

The ENIKOL ESK-4810CR 48V Solar Battery is a powerful and reliable energy storage solution that is perfect for a wide range of occasions and scenarios. With a rated capacity of 100AH (5120WH) and a rate voltage of 51.2V, this battery is designed to provide long-lasting power for all your needs.

This 48V Solar Battery is perfect for use in a variety of applications, including residential and commercial solar power systems, backup power systems, and mobile power systems. It is an ideal choice for those looking for a high-quality and efficient energy storage solution that is both reliable and affordable.

Designed and manufactured in Shenzhen, the ENIKOL ESK-4810CR 48V Solar Battery is built to the highest standards of quality and performance. It is CE, FCC, UKCA, U38.3, and MSDS certified, ensuring that it meets all the necessary safety and quality standards. With a minimum order quantity of just one unit and a negotiable price, the ENIKOL ESK-4810CR 48V Solar Battery is an affordable and accessible solution for all your energy storage needs. It comes packaged in a wooden case for easy and secure transportation, and has a delivery time of 7-15 days.

The ENIKOL ESK-4810CR 48V Solar Battery is also incredibly versatile, with a max parallel of 64 sets and a max continuous discharge current of 100A (5KW). Its LCD display makes it easy to monitor its performance and ensure that it is working at optimal levels.

With a supply ability of 4000 pieces per week, the ENIKOL ESK-4810CR 48V Solar Battery is the perfect choice for anyone looking for a reliable and efficient energy storage solution. Whether you are looking to power your home or business, or need a mobile power source for your next adventure, this battery is the perfect choice.



51.2v Lifepo4 Battery Customization:

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
Communication function: RS485/CAN
Charging Voltage: 58.4V
Shell Material: Black Painted Steel Shell(optional)
Rate Voltage: 51.2V
Max Charging Current: 100A

48v Lithium Solar Battery Support and Services:

The 48V Solar Battery product comes with technical support and services to ensure proper operation and maintenance of the system. Our team of experts can provide assistance with installation, configuration, and troubleshooting of any issues that may arise. In addition, we offer regular maintenance and inspection services to ensure optimal performance and longevity of the product. Our technical support and services are designed to meet the needs of our customers and provide peace of mind knowing that their investment is protected.

48v Rack Mounted Battery Packing and Shipping:

Product Packaging:
1 x 48V Solar Battery
1 x User Manual
Shipping:
Shipping Method: Standard Shipping
Estimated Delivery Time: Depends on the shipping address
Shipping Cost: Depends on the shipping address

Battery Lithium 48v 100ah FAQ:

Q1: What is the brand name of this 48V Solar Battery?

A1: The brand name of this product is ENIKOL.

Q2: What is the model number of this 48V Solar Battery?

A2: The model number of this product is ESK-4810CR.

Q3: Where is this 48V Solar Battery manufactured?

A3: This product is manufactured in Shenzhen, China.

Q4: What certifications does this 48V Solar Battery have?

A4: This product has CE, FCC, UKCA, U38.3, and MSDS certifications.

Q5: What are the payment terms for purchasing this 48V Solar Battery?

A5: The payment terms for purchasing this product are T/T, L/C, D/A, D/P, Western Union, and MoneyGram. The price is negotiable and packaging details include wooden case. Delivery time is usually 7-15 days. The supply ability is 4000 pieces per week. The minimum order quantity is 1 unit.

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