

48V 100AH Lithium Battery With Bms For Solar Applications , 5kw 48V Lifepo4 Battery

Our Product Introduction

for more products please visit us on enikolnewenergy.com

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



Product Specification

- Rated Voltage: 51.2V
- Rated Capacity: 100AH (5120WH)
- Max Parallel: 64 Sets
- Communication Function: RS485/CAN
- Max Charging Current: 100A
- Max Continuous Discharge Current: 100A(5KW)
- BMS: Built In BMS
- Shell Material: Black Painted Steel Shell(optional)
- Highlight: Solar Lithium Battery With Bms, 48V 100AH Lithium Battery , 5kw 48V Lifepo4 Battery

ENIKOL



More Images

ENIKOL



Product Description

Product Description for 48v Lifepo4 Battery:

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

The battery's shell material is made of black painted steel, which provides both durability and aesthetic appeal. The black painted steel shell is also available as an optional feature for added customization.

The 48V Solar Battery is built with Lithium Iron Phosphate (LiFePO₄) technology, which is known for its long cycle life, high energy density, and excellent thermal stability. This battery type is also considered to be one of the safest and most reliable lithium-ion chemistries available on the market today.

The battery's rate voltage is 51.2V, which makes it compatible with most standard solar inverters. The battery's voltage range is also designed to work seamlessly with solar panels and other renewable energy sources, making it an ideal solution for off-grid and grid-tied solar systems.

Overall, the 48V Solar Battery is a high-quality, reliable, and efficient energy storage solution that can help you reduce your carbon footprint and save money on your energy bills. Whether you're looking to power your home, business, or other energy-intensive applications, this battery is an excellent choice that won't disappoint.



Lithium Batteries 48v Features:

- Product Name:** 48V Solar Battery
- BMS:** Built In BMS
- Battery Type:** Lithium Iron Phosphate (LiFePO4)
- Rated Capacity:** 100AH (5120WH)
- Max parallel:** 64 Sets
- Cycle life:** ≥6000 Times

Lifepo4 Battery 48v Technical Parameters:

Technical Parameters	48V Solar Battery
Display	LCD
Max Parallel	64 Sets
Communication function	RS485/CAN
Rate Voltage	51.2V
Charging Voltage	58.4V
BMS	Built In BMS
Max Charging Current	100A
Cycle life	≥6000 Times
Max Continuous Discharge Current	100A (5KW)
Battery Type	Lithium Iron Phosphate (LiFePO4)

48 Volt Lithium Battery Applications:

ENIKOL ESK-4810CR is a 48V Solar Battery manufactured in Shenzhen. The product is certified with CE, FCC, UKCA, U38.3, MSDS and can be ordered with a minimum quantity of 1 unit. The price of the product is negotiable and comes with wooden case packaging. The delivery time for the product is 7-15 days and the payment terms include T/T, L/C, D/A, D/P, Western Union, MoneyGram. The product has a supply ability of 4000 pieces per week.

The 48V Solar Battery is designed to cater to various application occasions and scenarios. It is ideal for residential and commercial solar power systems, backup power supply systems, and off-grid solar power systems. The product can be used to power appliances such as refrigerators, air conditioners, and water pumps. It is also suitable for outdoor activities such as camping, hiking, and fishing.

The battery type used in the product is Lithium Iron Phosphate (LiFePO4) which is known for its long life, safety, and high energy density.

The rated voltage of the battery is 51.2V, and the charging voltage is 58.4V. The built-in BMS (Battery Management System) ensures that the battery is protected from overcharging, over-discharging, and short circuits.

The 48V Solar Battery also comes with a communication function that allows remote monitoring and control of the battery system. The RS485/CAN communication function enables communication between the battery system and other devices such as inverters and chargers.

In conclusion, the ENIKOL ESK-4810CR 48V Solar Battery is a reliable and efficient solution for various application occasions and scenarios. With its high energy density, long life, and built-in BMS, it provides a safe and stable power supply for residential and commercial solar power systems, backup power supply systems, and off-grid solar power systems. Its communication function also makes it easy to monitor and control the battery system remotely.

Customization for 48v 100ah Lifepo4 Battery:

Customize your 48V Solar Battery with ENIKOL's product customization services. Our model number is ESK-4810CR and it comes from our place of origin 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 include a wooden case and the delivery time is 7-15 days. Payment terms include T/T, L/C, D/A, D/P, Western Union, and MoneyGram. We have a supply ability of 4000 pieces per week.

Our 48V Solar Battery has a max charging current of 100A and a max continuous discharge current of 100A (5KW). The rated capacity is 100AH (5120WH). Our product also has a communication function with RS485/CAN and a display with LCD.

ENIKOL



Packing and Shipping:

Product Packaging:

1 x 48V Solar Battery

1 x User Manual

1 x Warranty Card

Shipping:

Shipping costs depend on the specific delivery address

FAQ:

Brand: ENIKOL

2. What is the model number of the 48V Solar Battery?

Model Number: ESK-4810CR

3. Where is the 48V Solar Battery manufactured?

Place of Origin: Shenzhen

4. What certifications does the 48V Solar Battery have?

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

5. What are the payment terms for purchasing the 48V Solar Battery?

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

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



86 17727596282



andy@enikolnewenergy.com



enikolnewenergy.com

Guangming District, Shenzhen, Guangdong Province, China