

5KW 48V Lithium Battery Home Energy Storage System with 100A BMS and LCD Display

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

- Battery Type: Lithium Iron Phosphate (LiFePO4)
- Rated Voltage: 51.2V
- Display: LCD
- Communication Function: RS485/CAN
- Max Charging Current: 100A
- BMS: Built In BMS
- Cycle Life: ≥6000 Times
- Shell Material: Black Painted Steel Shell(optional)
- Highlight: 5KW Home Energy Storage System,
LCD Display Home Energy Storage System,
100A BMS Home Energy Storage System

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More Images



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
Matched solar inverter brands	PYLONTECH/GOODWE/Growatt/SMA/Victron/TBB/Must/Srne/MEGAREVO/Deye/NVT/Voltronic/SOFAR/SOROTEC,etc.

The 48V Solar Battery offers a long cycle life of more than 6000 times, which means you can use it for several years without any reduction in performance. It is engineered to deliver a rate voltage of 51.2V, making it compatible with most solar panel systems. The built-in BMS (Battery Management System) ensures that the battery operates at optimal efficiency and prevents overcharging and overheating, ensuring safety and longevity.

Whether you are looking to power your home or office with renewable energy or need a reliable backup power source for emergencies, the 48V Solar Battery is an excellent choice. Its high capacity, long cycle life, and built-in BMS make it a top-performing battery that can provide you with clean and sustainable energy for years to come.

Features:

Product Name: 48V Solar Battery

Max continuous discharge current: 100A(5KW)

Rated Capacity: 100AH (5120WH)

Battery Type: Lithium Iron Phosphate (LiFePO4)

Max parallel: 64 Sets

Display: LCD

Technical Parameters:

48V Solar Battery	
Shell Material	Black Painted Steel Shell(optional)
Charging Voltage	58.4V
Max Continuous Discharge Current	100A(5KW)
BMS	Built In BMS
Max Charging Current	100A
Max Parallel	64 Sets
Communication Function	RS485/CAN
Rate Voltage	51.2V
Display	LCD
Rated Capacity	100AH (5120WH)

Applications:

The ESK-4810CR 48V Solar Battery is perfect for residential and commercial solar energy systems. It is designed to provide reliable power for a variety of applications, including homes, businesses, and industrial facilities. This battery is also ideal for off-grid applications where reliable power is critical.

The ESK-4810CR 48V Solar Battery is ideal for use in remote locations where access to electricity is limited. It is designed to provide reliable power for a variety of applications, including camping, RVs, boats, and more. This battery is also perfect for emergency situations where power is needed to run essential equipment.

The ESK-4810CR 48V Solar Battery is perfect for use in areas where power outages are common. It is designed to provide backup power for a variety of applications, including homes, businesses, and industrial facilities. This battery is also ideal for use in areas where the power grid is unreliable.

The ESK-4810CR 48V Solar Battery is perfect for use in areas where electricity costs are high. It is designed to provide cost-effective power for a variety of applications, including homes, businesses, and industrial facilities. This battery is also ideal for use in areas where renewable energy is encouraged.

The ENIKOL ESK-4810CR 48V Solar Battery is a high-quality, reliable battery that is perfect for a variety of applications and scenarios. It is certified by CE, FCC, UKCA, U38.3, MSDS, and is available for negotiation. This battery comes packaged in a wooden case and is

delivered within 7-15 days. Payment terms include T/T, L/C, D/A, D/P, Western Union, and MoneyGram. The ESK-4810CR 48V Solar Battery is also available with a black painted steel shell (optional) and has a rated capacity of 100AH (5120WH). Lastly, it has a communication function of RS485/CAN and a supply ability of 4000 pieces per week.

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Customization:

Customize your 48V Solar Battery with ENIKOL! Our model number ESK-4810CR is manufactured in Shenzhen and comes with certifications such as CE, FCC, UKCA, U38.3, and MSDS. You can order as little as 1 unit at a negotiable price and receive it in a wooden case within 7-15 days from placing your order. We accept payment terms such as T/T, L/C, D/A, D/P, Western Union, and MoneyGram. Our supply ability is 4000 pieces per week.

Personalize your 48V Solar Battery even further with a black painted steel shell (optional) and enjoy the convenience of an LCD display and RS485/CAN communication function. This battery has a charging voltage of 58.4V and a maximum charging current of 100A. Contact us today to customize your 48V Solar Battery to meet your exact needs!

Support and Services:

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

- Assistance with installation and setup of the battery system
- Troubleshooting and diagnosis of any issues encountered during operation
- Regular maintenance and inspection of the battery system to ensure optimal performance
- Repair and replacement services for any defective components or parts
- Technical expertise and guidance for maximizing the efficiency and lifespan of the battery system

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Packing and Shipping:

Product Packaging:

The 48V Solar Battery is carefully packaged in a sturdy cardboard box to ensure safe delivery. The battery is wrapped in protective foam and secured with straps to prevent any damage during transportation.

Shipping:

Orders for the 48V Solar Battery will be shipped within 3 business days of purchase. We offer free shipping within the United States. For international orders, shipping costs will vary depending on the destination. Please allow 2-3 weeks for delivery.

FAQ:

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

Q: What is the minimum order quantity for the ENIKOL ESK-4810CR 48V Solar Battery?

A: The minimum order quantity for our ENIKOL ESK-4810CR 48V Solar Battery is 1 unit.

Q: Where is the ENIKOL ESK-4810CR 48V Solar Battery manufactured?

A: Our ENIKOL ESK-4810CR 48V Solar Battery is manufactured in Shenzhen.

Q: What certifications does the ENIKOL ESK-4810CR 48V Solar Battery have?

A: Our ENIKOL ESK-4810CR 48V Solar Battery has the following certifications: CE, FCC, UKCA, U38.3, and MSDS.

Q: What is the delivery time for the ENIKOL ESK-4810CR 48V Solar Battery?

A: The delivery time for our ENIKOL ESK-4810CR 48V Solar Battery is 7-15 days.

Q: What are the payment terms for the ENIKOL ESK-4810CR 48V Solar Battery?

A: We accept the following payment terms for our ENIKOL ESK-4810CR 48V Solar Battery: T/T, L/C, D/A, D/P, Western Union, and MoneyGram.

Q: What is the supply ability for the ENIKOL ESK-4810CR 48V Solar Battery?

A: Our ENIKOL ESK-4810CR 48V Solar Battery has a supply ability of 4000 pieces per week.

Q: What is the price of the ENIKOL ESK-4810CR 48V Solar Battery?

A: The price of our ENIKOL ESK-4810CR 48V Solar Battery is negotiable. Please contact us for more information.

Q: What are the packaging details for the ENIKOL ESK-4810CR 48V Solar Battery?

A: Our ENIKOL ESK-4810CR 48V Solar Battery is packaged in a wooden case.

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