

51.2V 100ah LiFePO4 Battery 5kwh 48V Solar Battery For Energy Storage 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-4810CWT
- Minimum Order Quantity: 1 unit
- Price: USD526 LCD version/USD546 Touchable Screen version Wholesale prices are negotiable
- Packaging Details: Wooden box packaging
- 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

- Battery Type: Lithium Iron Phosphate (LiFePO4)
- Rate Voltage: 51.2V
- Max Charging Current: 100A
- Max Continuous Discharge Current: 100A(5KW)
- Cycle Life: ≥6000 Times
- Max Parallel: 16 Sets
- Communication Function: CAN/RS485/RS232
- Shell Material: White Painted Steel
- Highlight: RS232 Parallel Solar Battery, CAN Parallel Solar Battery, RS485 Parallel Solar Battery



More Images





Product Description

Specific parameters:

Product Model	ESK-4810CWT
Type of Battery	Lithium Iron Phosphate
Max parallel	16 sets
Rated capacity	100AH (5120WH)
Rated voltage	51.2V
Charging voltage	58.4V
Max charging current	100A
Max continuous discharge current	100A
Weight	47kg
Dimension (L * W * H) mm	620*460*195
Display	LCD/Touchable screen
Warranty	5 years
Communication function	CAN/RS485/RS232
Shell Material	White painted steel
Cycle life	≥6000 times
Operating temperature	-20 to +65

Product Description:

The 48V Solar Battery is perfect for use in off-grid and hybrid solar energy systems. It has a maximum parallel of 16 sets, making it easy to scale up your system as your energy needs grow. Its built-in BMS ensures that your battery is always safe and protected against overcharging, over-discharging, and short circuits.

One of the key advantages of the 48V Solar Battery is its impressive cycle life. It has a cycle life of over 6000 times, which means that it can be charged and discharged over and over again without losing its capacity. This makes it a great investment for anyone looking for a long-lasting and reliable solar energy solution.

Overall, the 48V Solar Battery is an excellent choice for anyone looking to power their solar energy system. Its high voltage, fast charging, and long cycle life make it ideal for both residential and commercial applications. Whether you're looking to power your home, your business, or your off-grid cabin, the 48V Solar Battery is a powerful and reliable choice.



Features:

Product Name: 48V Solar Battery
Rated Capacity: 100AH (5120WH)
Communication function: CAN/RS485/RS232
Cycle life: ≥6000 Times
Display: LCD/Touchable Screen
Charging Voltage: 58.4V

Applications:

One of the key application scenarios for the ENIKOL ESK-4810CWT is in solar power systems. This battery can be used to store energy generated by solar panels during the day and then power devices at night or during periods of low sunlight. It can also be used in off-grid settings where traditional power sources are not available, such as in cabins or remote locations.

The ENIKOL ESK-4810CWT can also be used in backup power systems for homes and businesses. In the event of a power outage, this battery can provide a reliable and continuous power source until power is restored. It can also be used in conjunction with traditional power sources to provide additional power during peak demand periods.

In addition to its versatility and durability, the ENIKOL ESK-4810CWT is also capable of being used in parallel with up to 16 sets, making it a scalable solution for larger power needs.

Overall, the ENIKOL ESK-4810CWT is a reliable and efficient 48V solar battery product with a wide range of application occasions and scenarios. Whether for solar power systems, electric vehicles, backup power, or other settings, this battery provides a clean and efficient power source that is both safe and durable.



Customization:

Wifi function+USD15

Bluetooth function+USD10

Buy in bulk to add Logo

Support and Services:

Our 48V Solar Battery product comes with technical support and services to ensure optimal performance and longevity. Our team of experts is available to assist with any inquiries related to installation, maintenance, troubleshooting or repair. We offer comprehensive training and documentation to help our customers understand the product and its functions. Additionally, we provide regular software updates and upgrades to ensure compatibility with evolving technologies. Our services also include warranty support and replacement parts to guarantee customer satisfaction.

ENIKOL

100AH(5120WH)



Packing and Shipping:

Product Packaging:

The 48V Solar Battery product will be packaged securely in a sturdy wooden box. The box will be labeled with the order number, and handling instructions. Inside the box, the product will be wrapped in protective materials to prevent any damage during shipping.

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