

Smart 48V 200AH Lithium Solar Battery Power Systems Storage Energy Built in BMS

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-4820CW
- 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)
- Rate Voltage: 51.2V
- Rated Capacity: 200AH (10240WH)
- Charging Voltage: 58.4V
- Max Charging Current: 200A
- Max Continuous Discharge Current: 200A (10KW)
- Cycle Life: ≥ 6000 Times
- BMS: Built In BMS
- Highlight: 200AH Lithium Solar Battery, 48V Lithium Solar Battery, Smart Lithium Solar Battery

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Product Description

Specific Parameters:

Product Model	ESK-4820CW
Type of Battery	Lithium Iron Phosphate
Rated Capacity	200AH (10240WH)
Rated Voltage	51.2V
Max Continuous Discharge Current	200A (10KW)
Weight	85kg
Dimension (L * W * H)	955*460*195mm
Warranty	5 years
Communication Function	CAN/RS485/RS232
Shell Material	White painted steel
Cycle Life	≥6000 times

Product Description:

One of the key features of this battery is its built-in BMS (Battery Management System). This system ensures that the battery operates at peak performance while protecting it from overcharging, over-discharging, and short-circuiting. As a result, the 48V Solar Battery is extremely safe and reliable, making it an excellent choice for any application that requires a high-performance battery.

In addition to its advanced BMS, the 48V Solar Battery also features a rate voltage of 51.2V, which provides exceptional power output and stability. This voltage is perfect for use in solar power systems, where it can be used to store energy generated by solar panels during the day for use at night or during periods of low sunlight.

The 48V Solar Battery also comes equipped with an LCD display, which provides real-time information about the battery's current state of charge, voltage, and temperature. This display makes it easy to monitor the battery's performance and ensure that it is operating at peak efficiency.

Another great feature of the 48V Solar Battery is its ability to be used in parallel with up to 16 other battery sets. This allows users to easily expand their energy storage capacity as needed, without having to purchase additional batteries.

In summary, the 48V Solar Battery is a high-performance battery that offers exceptional reliability, safety, and power output. With its built-in BMS, rate voltage of 51.2V, LCD display, and ability to be used in parallel with up to 16 other battery sets, it is the perfect choice for anyone looking for a top-of-the-line battery for their solar power system or backup power needs.



Features:

Product Name: 48V Solar Battery
Max parallel: 16 Sets
BMS: Built In BMS
Battery Type: Lithium Iron Phosphate (LiFePO4)
Display: LCD
Rated Capacity: 200AH (10240WH)

Technical Parameters:

Product Name	48V Solar Battery
Max Charging Current	200A
Display	LCD
Shell Material	White Painted Steel
BMS	Built In BMS
Communication function	RS485/CAN Protocol
Rated Capacity	200AH (10240WH)
Charging Voltage	58.4V
Battery Type	Lithium Iron Phosphate (LiFePO4)
Cycle life	≥6000 Times
Max parallel	16 Sets

Applications:

The ENIKOL ESK-4820CW 48V Solar Battery is suitable for use in both residential and commercial settings. It can be used in off-grid solar power systems, backup power systems, and hybrid solar power systems where there is a need for reliable and efficient energy storage. It is also an excellent choice for telecom applications, such as powering cell towers and base stations. The battery is designed to have a long cycle life of at least 6000 times, making it a cost-effective option for long-term use. It has a maximum continuous discharge current of 200A or 10KW, which ensures that it can deliver high power when required. The battery is made of lithium iron phosphate, which is a safe and stable chemistry that has a low risk of thermal runaway. ENIKOL ESK-4820CW 48V Solar Battery is certified by CE, FCC, UKCA, U38.3, MSDS, which ensures that it meets the highest safety and environmental standards. The product's packaging details include a wooden case, which ensures that the battery is well protected

during transportation.

The delivery time for this product is 7-15 days, and the payment terms include T/T, L/C, D/A, D/P, Western Union, and MoneyGram. The supply ability of the product is 4000 pieces per week, which ensures that there is enough stock to meet the demand.

In conclusion, the ENIKOL ESK-4820CW 48V Solar Battery is an excellent product that provides reliable and efficient energy storage for solar panel systems. Its high-performance lithium iron phosphate battery provides a long cycle life, high power, and a stable chemistry. It is suitable for various applications, including off-grid solar power systems, backup power systems, and hybrid solar power systems.



Support and Services:

Our 48V Solar Battery product comes with comprehensive technical support and services to ensure maximum performance and longevity. Our team of experts is available to assist with any questions or issues you may encounter, including:

Installation guidance and support

Troubleshooting assistance

Regular maintenance recommendations

Warranty and repair services

We are committed to providing top-notch customer service and ensuring our customers get the most out of our products. Contact us with any questions or concerns.

Packing and Shipping:

Product Packaging:

1 x 48V Solar Battery

User manual

Shipping:

Ships within 2-3 business days

Free shipping within the United States

International shipping available for an additional fee

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