

51.2V Lithium Iron Phosphate Battery 100AH LiFePO4 Solar Battery With BMS 48V 100AH 5120WH

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)
- Rated Capacity: 100AH (5120WH)
- Rate Voltage: 51.2V
- Max Parallel: 16 Sets
- BMS: Built In BMS
- Communication Function: CAN/RS485/RS232
- Display: LCD/Touchable Screen
- Shell Material: White Painted Steel
- Highlight: White Steel LiFePO4 Solar Battery, 5120WH LiFePO4 Solar Battery, 48V 100AH LiFePO4 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
Protection function	Overcharge protection, over discharge protection, over-current protection, short circuit protection, over temperature protection and low voltage alarm
Matched solar inverter brands	PYLONTECH/GOODWE/Growatt/SMA/Victron/TBB/Must/Srne/MEGAREVO/Deye/INVT/Voltronic/SOFAR/SOROTEC,etc.
Bluetooth function	Optional
Application	Home Appliances, Industrial and commercial energy storage,Household energy storage,Large-scale photovoltaic energy storage projects,UPS energy storage



Product Description:

The battery is made using Lithium Iron Phosphate (LiFePO4) technology, which provides high energy density and long cycle life. This makes it a reliable and durable option for powering your solar system. The battery is also equipped with a built-in Battery Management System (BMS), which helps to protect against overcharging, over-discharging, and short-circuiting. The BMS also helps to prolong the lifespan of the battery.

The battery has a maximum charging current of 100A, which allows for quick and efficient charging. The charging time will depend on the size of your solar panel array and the amount of sunlight available. However, this battery has been designed to charge quickly and efficiently, so you can be sure that you'll have power when you need it.

The shell material of the battery is made from white painted steel, which is durable and resistant to corrosion. This means that the battery is suitable for use in a range of environments, including outdoor and marine applications. The compact and lightweight design of the battery also makes it easy to install and transport.

Overall, the 48V Solar Battery is a reliable and efficient energy storage solution for your solar power system. With its high-quality Lithium Iron Phosphate technology, built-in BMS, and quick charging capabilities, this battery is sure to provide you with the power you need, when you need it.

Features:

Product Name: 48V Solar Battery

Display: LCD/Touchable Screen

Cycle life: ≥6000 Times

Rate Voltage: 51.2V

Max parallel: 16 Sets

Battery Type: Lithium Iron Phosphate (LiFePO4)



5Kwh

Grade-A

8000⁺ cycles

Touchable screen

Applications:

With a maximum continuous discharge current of 100A (5KW) and a rated capacity of 100AH (5120WH), ENIKOL ESK-4810CWT is suitable for various applications and scenarios. This 48V solar battery product provides a reliable power source for various off-grid solar systems, including solar street lights, solar home systems, and solar power stations.

ENIKOL ESK-4810CWT is also ideal for emergency backup power, providing a reliable power source for critical equipment such as medical devices, communication systems, and security systems during power outages. With its high-quality Lithium Iron Phosphate (LiFePO4) battery type, this 48V solar battery product has a longer lifespan and higher energy density compared to traditional lead-acid batteries.

In conclusion, ENIKOL ESK-4810CWT is a reliable and efficient 48V solar battery that is suitable for various applications and scenarios. With its high-quality components, built-in BMS, and LCD/touchable screen display, this 48V solar battery product is a great investment for anyone looking for a reliable power source for their solar systems or emergency backup power needs.

Customization:

Wifi function+USD15

Bluetooth function+USD10



Support and Services:

The 48V Solar Battery product comes with technical support and services to ensure the best performance and user experience. Our team of experts is available to assist with any questions or issues related to the product.

Our technical support includes:

- Assistance with installation and setup
- Troubleshooting and problem-solving
- Guidance on maintenance and upkeep
- Advice on optimizing performance and efficiency

In addition, we offer a range of services to enhance the functionality and lifespan of the product:

- Battery testing and analysis
- Repairs and replacements as needed
- Upgrades and enhancements

We are committed to providing top-quality technical support and services to ensure the satisfaction of our customers.

FAQ:

Q: What is the brand name of this solar battery?

A: The brand name of this solar battery is ENIKOL.

Q: What is the model number of this solar battery?

A: The model number of this solar battery is ESK-4810CWT.

Q: Where is this solar battery made?

A: This solar battery is made in Shenzhen.

Q: What certifications does this solar battery have?

A: This solar battery has CE, FCC, UKCA, U38.3, and MSDS certifications.

Q: What are the payment terms for this solar battery?

A: The payment terms for this solar battery are T/T, L/C, D/A, D/P, Western Union, and MoneyGram.

Q: What is the minimum order quantity for this solar battery?

A: The minimum order quantity for this solar battery is 1 unit.

Q: What is the price of this solar battery?

A: The price of this solar battery is negotiable.

Q: What are the packaging details for this solar battery?

A: The packaging details for this solar battery are wooden box packaging.

Q: What is the delivery time for this solar battery?

A: The delivery time for this solar battery is 7-15 days.

Q: What is the supply ability for this solar battery?

A: The supply ability for this solar battery is 4000 pieces per week.



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