

48V Solar Battery 300AH Large Capacity Smart BMS Lithium Battery for Energy Solution

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-4830CWT
- Minimum Order Quantity: 1 unit
- Price: 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

- Rate Voltage: 51.2V
- Rated Capacity: 300AH (15.36KWH)
- Shell Material: White Painted Steel
- Display: 7-inch Touch Screen
- Max Continuous Discharge Current: 200A (10KW Power)
- Communication Function: CAN/RS485
- Other Functions: WIFI/Bluetooth (optional)
- Max Parallel: 16 Sets
- Highlight: Large Capacity 48V Solar Battery, 48V Solar Battery 300AH, Smart BMS Lithium Battery



More Images



Product Description

Product Description:

Our Product

Product Model	ESK-4830CWT (Wall mounted & floor standing)	
Type of Battery	Lithium Iron Phosphate	
Max Parallel	16 sets	
Rated Capacity	300AH (15360WH)	
Rated Voltage	51.2V	
Charging Voltage	58.4V	
Max Charging Current	200A	
Max Continuous Discharge Current	200A (10kw power)	
Weight	126kg	
Dimension (L * W * H)	975*460*280mm	
Display	7-inch touch screen	
Warranty	5 years	
Communication Function	CAN/ RS485	
Shell Material	White painted steel	
Cycle Life	≥6000-8000 times	
Charging Temperature	0 to +55	
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/ Voltronik SOROTEC, etc.	
Other Functions	WIFI/Bluetooth (optional)	
Application	Home appliances, industrial and commercial energy storage, household energy storage, large-scale photovoltaic storage projects, UPS energy storage	

One of the standout features of this battery is its communication function. Equipped with both CAN and RS485 communication protocols, the 48V Solar Battery can easily connect to your solar energy system and provide real-time data on its performance. This allows you to monitor your energy consumption and production, and make adjustments as needed to optimize your system's efficiency.

Another important feature of the 48V Solar Battery is its impressive cycle life. With a lifespan of at least 6000-8000 cycles, this battery is built to last for years and provide reliable power to your home or business. And if you choose to add the optional WIFI or Bluetooth functions, you'll have even more control over your system's performance and energy usage.

Overall, the 48V Solar Battery is an excellent choice for anyone looking for a high-quality, dependable power solution for their solar energy system. Whether you're looking to reduce your energy costs, minimize your carbon footprint, or simply enjoy the benefits of clean, renewable energy, this battery is the perfect choice for you.

Features:

Product Name: 48V Solar Battery

Other Functions: WIFI/Bluetooth (optional)

Rated Capacity: 300AH (15.36KWH)

Max parallel: 16 Sets

Max Charging Current: 200A

Display: 7-inch Touch Screen



Technical Parameters:

Technical Parameter	Value
Max continuous discharge current	200A (10KW Power)
Warranty	5-10 Years
BMS	Built-In BMS
Cycle life	≥6000-8000 Times
Display	7-inch Touch Screen
Max Charging Current	200A
Communication function	CAN/RS485
Max parallel	16 Sets
Charging Voltage	58.4V
Rate Voltage	51.2V

Applications:

One of the standout features of the ENIKOL ESK-4830CWT is its built-in Battery Management System (BMS). This system ensures that your battery operates safely and efficiently, protecting it from overcharging, overdischarging, and other common issues that can shorten its lifespan. Plus, with a rate voltage of 51.2V and a rated capacity of 300AH (15.36KWH), this battery packs plenty of power to keep your solar panels running smoothly.

So where can you use the ENIKOL ESK-4830CWT? The possibilities are virtually endless! Here are just a few of the many applications and scenarios where this battery can come in handy:

Residential solar power systems: Whether you're looking to power your home off the grid or simply reduce your reliance on traditional energy sources, the ENIKOL ESK-4830CWT is the perfect solution. It can store energy from your solar panels during the day, then power your home at night or during periods of low sunlight.

Commercial solar power systems: If you're a business owner looking to save money on energy costs, the ENIKOL ESK-4830CWT is a smart investment. It can power everything from small storefronts to large warehouses, providing a reliable source of energy that can help lower your overhead.

Emergency backup power: When the power goes out, the ENIKOL ESK-4830CWT can be a lifesaver. It can keep your lights, appliances, and electronics running until the grid is restored, providing you with peace of mind and added safety.

And with certifications from CE, FCC, UKCA, U38.3, and MSDS, you can trust that the ENIKOL ESK-4830CWT meets the highest standards for safety and quality. Whether you need just one unit or several, we offer flexible pricing and payment options to fit your budget. Plus, our fast delivery times and reliable supply chain mean you can get your battery when you need it.

So why wait? Order your ENIKOL ESK-4830CWT today and start enjoying reliable, efficient solar power for all your energy needs!

Customization:

Looking for a customized 48V solar battery? Look no further than ENIKOL's ESK-4830CWT model! Our 48V solar battery is made with high-quality lithium iron phosphate (LiFePO4) batteries, ensuring reliable and long-lasting power for your solar energy needs.

Our ESK-4830CWT model comes with a 7-inch touch screen display, making it easy to monitor your battery's performance. Plus, with optional WIFI/Bluetooth capabilities, you can stay connected and in control from anywhere.

ENIKOL's 48V solar battery is certified by CE, FCC, UKCA, U38.3, and MSDS, giving you peace of mind that you're getting a safe and reliable product. Our wooden box packaging ensures your battery arrives safe and sound, and with a minimum order quantity of just 1 unit, you can get exactly what you need.

Our supply ability of 4000 pieces per week means you can count on ENIKOL for all your solar battery needs. And with flexible payment terms including T/T, L/C, D/A, D/P, Western Union, and MoneyGram, purchasing your customized 48V solar battery has never been easier.

Ready to get started? Contact us today to discuss your customization options and negotiate a price that works for you. With a warranty of 5-10 years, ENIKOL's 48V solar battery is the perfect choice for your solar energy needs.

7-inch touchable screen



Support and Services:

Our technical support team is available to assist with any questions or issues related to our 48V Solar Battery product. We offer troubleshooting services to diagnose and resolve any problems you may encounter with your battery system. In addition, we provide regular maintenance and servicing to ensure your battery system is functioning optimally. Our team can also provide guidance on proper installation and setup of the battery system. If you require any assistance or have any questions about our 48V Solar Battery product, please do not hesitate to contact our technical support team.

Packing and Shipping:

Product Packaging:

The 48V Solar Battery will be securely packaged to ensure its safe delivery. It will be packed in a sturdy cardboard box with adequate padding and protection to prevent any damage during shipping.

Shipping:

Please tell us your delivery address and zipcode, we will check the shipping cost for you.

FAQ:

Frequently Asked Questions (FAQs)

Q1: What is the model number of this solar battery?

A1: The model number of this solar battery is ESK-4830CWT.

Q2: Where is this solar battery manufactured?

A2: This solar battery is manufactured in Shenzhen.

Q3: What certifications does this solar battery have?

A3: This solar battery has CE, FCC, UKCA, U38.3, and MSDS certifications.

Q4: What is the minimum order quantity for this solar battery?

A4: The minimum order quantity for this solar battery is 1 unit.

Q5: What is the delivery time for this solar battery?

A5: The delivery time for this solar battery is 7-15 days. However, please note that the delivery time may vary depending on the quantity ordered and the destination country.

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