

## Lithium Ion Battery Lifepo4 Solar 48v 300ah Renewable Energy Storage Backup Power

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: ESK4830CV
- Minimum Order Quantity: 1 unit
- Price: negotiation
- Packaging Details: Wooden box packaging
- Delivery Time: 7-15 days
- Payment Terms: T/T, L/C, D/A, D/P
- Supply Ability: 4000 pieces per week



### Product Specification

- Rate Voltage: 51.2V
- Rated Capacity: 300AH(15360WH)
- Charging Voltage: 58.4V
- Max Charging Current: 200A
- Max Continuous Discharge Current: 200A(10KW)
- Cycle Life: ≥6000 Times
- Communication Function: RS485/RS232/CAN
- Shell Material: Black Painted Steel Shell(optional)
- Highlight: Backup Power Solar Battery, Renewable Energy Storage Solar Battery, 48v 300ah Solar Battery



### More Images



### Product Description

**Specific parameters:**

Product Model	ESK-4830CV	
Type of Battery	Lithium Iron Phosphate	
Rated capacity	300AH (15360WH)	
Rated voltage	51.2V	
Continuous Discharge Current	200A (10KW)	
Battery Weight	140kg	
Battery Dimension (L * W * H)	550*410 *775mm	
Warranty	5 years	
Communication Function	RS485/RS232/CAN protocol	
Cycle Life	≥6000 times	
Charging temperature	0 to +55	
Operating temperature	-20 to +65	
Shell Material	Painted steel shell (Optional)	
Matched solar inverter brands	PYLONTECH/GOODWE/Growatt/SMA/Victron/TBB/Must/Srne/MEGAREVO/Deye/oltronic/SOFAR/SOROTEC, etc.	
Protection function	Overcharge protection, over discharge protection, over-current protection, short ci protection, over temperature protection and low voltage alarm	
Application	Home Appliances, Industrial and commercial energy storage, Household energy storage Large-scale PV energy storage projects, UPS energy storage	

**Product Description:**

If you're looking for a reliable and efficient solar battery for your home or business, the 48V Solar Battery is an excellent choice. This battery is specifically designed for solar power systems, ensuring maximum efficiency and longevity. With a rated capacity of 300AH (15360WH), the 48V Solar Battery can provide ample power to keep your home or business running smoothly.

One of the key features of the 48V Solar Battery is its max parallel capacity. With the ability to connect up to 64 sets in parallel, this battery is incredibly versatile and can be used in a wide range of applications. Whether you're looking to power a small home or a large commercial building, the 48V Solar Battery is up to the task.

Another important attribute of the 48V Solar Battery is its max continuous discharge current. With a capacity of 200A (10KW), this battery can deliver consistent power to your system even during periods of high demand. This ensures that your system will always have the power it needs to keep your home or business running smoothly.

When it comes to charging, the 48V Solar Battery is designed to work seamlessly with solar power systems. Its charging voltage of 58.4V is optimized for solar panels, ensuring that your battery will charge quickly and efficiently. This means that you can rely on your solar power system to keep your battery charged and ready to go at all times.

The 48V Solar Battery is also built to last. Its lithium iron phosphate (LiFePO4) composition is known for its durability and long lifespan. This means that you can count on your battery to provide reliable power for many years to come.

In summary, the 48V Solar Battery is an excellent choice for anyone looking for a reliable, efficient, and long-lasting battery for their solar power system. With its max parallel capacity, high discharge current, optimized charging voltage, and durable composition, this battery is sure to meet all of your power needs.



### Features:

Product Name: 48V Solar Battery  
 Communication function: RS485/RS232/CAN  
 Display: LCD  
 Charging Voltage: 58.4V  
 Rated Capacity: 300AH(15360WH)  
 Battery Type: Lithium Iron Phosphate(LiFePO4)

### Technical Parameters:

Display	LCD
Cycle life	≥6000 Times
Rated Capacity	300AH(15360WH)
Rate Voltage	51.2V
Battery Type	Lithium Iron Phosphate(LiFePO4)
Shell Material	Black Painted Steel Shell(optional)
Max parallel	64 Sets
Max Charging Current	200A
Max continuous discharge current	200A(10KW)
Communication function	RS485/RS232/CAN

### Applications:

The ESK4830CV model has a rated capacity of 300AH (15360WH) and a rate voltage of 51.2V. It can be charged with a voltage of 58.4V and has a max continuous discharge current of 200A (10KW). This makes it a reliable power source for off-grid or backup power systems, electric vehicles, and other applications that require a high-capacity and efficient battery.

The 48V solar battery is ideal for use in various occasions and scenarios, such as:

Residential and commercial solar power systems: The ESK4830CV can be used to store excess energy generated by solar panels during the day for use at night or during power outages. It can power home appliances, air conditioning, lighting, and other devices.

Off-grid power systems: In remote locations where there is no access to the grid, the 48V solar battery can be used as the primary power source for homes, cabins, RVs, boats, and other off-grid applications.

Backup power systems: The battery can be used as a backup power source in case of power outages or emergencies. It can provide uninterrupted power to critical appliances and devices such as computers, medical equipment, and communication systems.

Electric vehicles: The high-capacity and efficient battery is suitable for electric cars, motorcycles, and other vehicles that require a reliable and long-lasting energy source.

The ESK4830CV 48V solar battery is available for purchase with a minimum order quantity of 1 unit. The price is negotiable and the product comes in a wooden box packaging. The delivery time is 7-15 days and payment terms include T/T, L/C, D/A, and D/P. The supply ability of this product is 4000 pieces per week, making it readily available for various applications and industries.



51.2V 300AH 15KWh

Grade A LiFePO4 Cells

Cycle Life≥6000 times

### Customization:

Brand Name: ENIKOL  
Model Number: ESK4830CV  
Place of Origin: Shenzhen  
Certification: CE, FCC, UKCA, U38.3, MSDS  
Minimum Order Quantity: 1 unit  
Price: negotiation  
Packaging Details: Wooden box packaging  
Delivery Time: 7-15 days  
Payment Terms: T/T, L/C, D/A, D/P  
Supply Ability: 4000 pieces per week  
Max parallel: 64 Sets  
Charging Voltage: 58.4V  
Max Charging Current: 200A  
Display: LCD  
Rated Capacity: 300AH(15360WH)

### Support and Services:

The 48V Solar Battery product comes with technical support and services to ensure proper operation and maintenance. Our team of experts can assist with:

Installation guidance

Troubleshooting

Product training

Warranty claims

Repair services

Software and firmware updates

Additionally, we offer ongoing support to ensure your 48V Solar Battery is functioning optimally and efficiently. Our goal is to provide you with a hassle-free experience and peace of mind knowing that your investment is protected.



### Packing and Shipping:

#### Product Packaging:

The 48V Solar Battery will be securely packaged in a sturdy cardboard box.

The box will be labeled with the product name and all necessary shipping information.

Inside the box, the product will be wrapped in protective materials to prevent any damage during shipping.

#### Shipping:

The 48V Solar Battery will be shipped via a trusted courier.

Customers will receive a tracking number via email so they can monitor the status of their shipment.

The estimated shipping time is 5-7 business days.

Shipping fees may apply depending on the customer's location.

### FAQ:

**Q: What is the brand name of the 48V solar battery?**

**A:** The brand name of the 48V solar battery is ENIKOL.

**Q: What is the model number of the 48V solar battery?**

A: The model number of the 48V solar battery is ESK4830CV.

**Q: Where is the 48V solar battery manufactured?**

A: The 48V solar battery is manufactured in Shenzhen.

**Q: What certifications does the 48V solar battery have?**

A: The 48V solar battery has CE, FCC, UKCA, U38.3, and MSDS certifications.

**Q: What is the minimum order quantity for the 48V solar battery?**

A: The minimum order quantity for the 48V solar battery is 1 unit.

**Q: What is the price of the 48V solar battery?**

A: The price of the 48V solar battery is subject to negotiation.

**Q: What is the packaging for the 48V solar battery?**

A: The 48V solar battery is packaged in a wooden box.

**Q: What is the delivery time for the 48V solar battery?**

A: The delivery time for the 48V solar battery is 7-15 days.

**Q: What are the payment terms for the 48V solar battery?**

A: The payment terms for the 48V solar battery are T/T, L/C, D/A, and D/P.

**Q: What is the supply ability for the 48V solar battery?**

A: The supply ability for the 48V solar battery is 4000 pieces per week.

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