

## Superior Performance 48v Solar Lithium Battery Lifepo4 15kwh 51.2v Emergency Backup

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

- Battery Type: Lithium Iron Phosphate(LiFePO4)
- Rated Voltage: 51.2V
- Rated Capacity: 300AH(15360WH)
- Max Continuous Discharge Current: 200A(10KW)
- Max Parallel: 64 Sets
- Max Charging Current: 200A
- Cycle Life: ≥6000 Times
- Shell Material: Black Painted Steel Shell(optional)
- Highlight: Emergency Backup 48v Solar Lithium Battery,  
15kwh 48v Solar Lithium Battery,  
Lifepo4 48v Solar Lithium 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	
Display	LCD	
Warranty	5 years	
Communication Function	RS485/RS232/CAN protocol	
Cycle Life	≥6000 times	
Shell Material	Painted steel shell (Optional)	
BMS	Built in BMS	
Matched solar inverter brands	PYLONTECH/GOODWE/Growatt/SMA/Victron/TBB/Must/Srne/MEGAREVO/Deye/INVT/Voltronic/SOROTEC, etc.	
Protection function	Overcharge protection, over discharge protection, over-current protection, short circuit protection, temperature protection and low voltage alarm	
Application	Home Appliances, Industrial and commercial energy storage, Household energy storage, Large-scale energy storage projects, UPS energy storage	

**Product Description:**

The shell material of the 48V Solar Battery is made of black painted steel, which is a durable and sturdy material that can withstand harsh weather conditions. The black painted steel shell is optional, giving you the flexibility to choose the design that best suits your preferences.

The 48V Solar Battery boasts a long cycle life of at least 6000 times, ensuring that you can use it for years without the need for frequent replacements. This makes it a cost-effective option for your solar energy storage needs.

The max continuous discharge current of the 48V Solar Battery is 200A, which translates to 10KW of power output. This means that you can rely on the battery to provide you with a steady and consistent power supply, even during periods of high energy demand.

The charging voltage of the 48V Solar Battery is 58.4V, which is the optimal voltage for charging and discharging the battery. This ensures that the battery is charged efficiently and effectively, maximizing its performance and lifespan.

The 48V Solar Battery is also designed to be modular, allowing you to connect multiple batteries in parallel to increase your energy storage capacity. In fact, the max parallel capacity of the battery is 64 sets, giving you the flexibility to expand your energy storage as your needs change over time.

In summary, the 48V Solar Battery is a high-quality and reliable energy storage solution for your solar system. With its durable shell material, long cycle life, high power output, optimal charging voltage, and modular design, this battery is a top choice for anyone looking for a dependable and cost-effective energy storage solution.



### Features:

Product Name: 48V Solar Battery  
 Battery Type: Lithium Iron Phosphate(LiFePO4)  
 Max parallel: 64 Sets  
 Rated Capacity: 300AH(15360WH)  
 Cycle life: ≥6000 Times  
 Charging Voltage: 58.4V

### Technical Parameters:

Rate Voltage	51.2V
Charging Voltage	58.4V
Max continuous discharge current	200A (10KW)
Cycle life	≥6000 Times
Rated Capacity	300AH (15360WH)
Display	LCD
Battery Type	Lithium Iron Phosphate (LiFePO4)
Max parallel	64 Sets
Max Charging Current	200A
Communication function	RS485/RS232/CAN

### Applications:

ESK4830CV is a powerful solar battery that can be used in a variety of occasions and scenarios. It is perfect for solar energy storage systems, off-grid systems, backup power systems, and UPS systems. The product comes with an LCD display, which makes it easy to monitor the charging and discharging status.

The 48V Solar Battery has a maximum continuous discharge current of 200A(10KW) and a charging voltage of 58.4V. The rate voltage is 51.2V, which is perfect for solar energy storage systems. The product has a long cycle life of ≥6000 times, which ensures that it is a cost-effective solution for energy storage.

The ESK4830CV is ideal for residential and commercial use. It can be used in households to store energy from solar panels and reduce electricity bills. The product is also suitable for businesses that require backup power systems, such as data centers, hospitals, and factories.

In conclusion, ENIKOL ESK4830CV is a reliable and efficient 48V Solar Battery that is perfect for energy storage systems. It is certified with various certifications and has a long cycle life. The product is ideal for residential and commercial use and can be used in a variety of scenarios.



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  
Rated Capacity: 300AH(15360WH)  
Cycle life: ≥6000 Times  
Shell Material: Black Painted Steel Shell(optional)  
Max continuous discharge current: 200A(10KW)  
Charging Voltage: 58.4V

### Support and Services:

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

Installation guidance

Troubleshooting assistance

Warranty claims and support

Maintenance recommendations

Product updates and upgrades

We also offer ongoing monitoring and analysis services to help customers maximize the efficiency and effectiveness of their 48V Solar Battery. Contact us for more information on how we can support your solar energy system.



### Packing and Shipping:

Product Packaging:  
1 x 48V Solar Battery  
1 x User Manual  
1 x Warranty Card  
Shipping Information:  
Shipping Method: Standard  
Delivery Time: Negotiation  
Shipping Cost: Negotiation  
Tracking Number: Provided

### FAQ:

**Q1: What is the brand name of this solar battery?**

A1: The brand name of this solar battery is ENIKOL.

**Q2: What is the model number of this solar battery?**

A2: The model number of this solar battery is ESK4830CV.

**Q3: Where is this solar battery manufactured?**

A3: This solar battery is manufactured in Shenzhen.

**Q4: What certifications does this solar battery have?**

A4: This solar battery has CE, FCC, UKCA, U38.3, and MSDS certifications.

**Q5: What is the minimum order quantity for this solar battery?**

A5: The minimum order quantity for this solar battery is one unit. Prices are negotiable and the product is packaged in wooden boxes. Delivery time is 7-15 days and payment terms include T/T, L/C, D/A, and D/P. The supply ability is 4000 pieces per week.

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