

48v 51.2v 100ah Solar Lifepo4 Battery 10kwh 15kwh Stackable Battery System

Our Product Introduction

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Basic Information

- Place of Origin: Shenzhen
- Brand Name: ENIKOL
- Certification: CE,FCC,UKCA,U38.3,MSDS,ROHS
- Model Number: ESK4810CS
- Minimum Order Quantity: 2 pieces
- Price: Negotiable
- Packaging Details: Woden box/Carton
- Delivery Time: 7-15 days
- Payment Terms: TT LC DA DP, Western Union, MoneyGram
- Supply Ability: 4000 pieces per week



Fast Delivery
High Voltage
20 kwh

Product Specification

- Rated Voltage: 51.2V
- Cell Type: LiFePO4
- Battery Weight: 48.5kg Per Set
- Battery Dimensions: 720*400*200mm
- Capacity Range: 5KWH~80KWH
- Display: LCD
- Highlight: 51.2v 100ah Solar Lifepo4 Battery,
Stackable Solar Lifepo4 Battery,
Lifepo4 Stackable Battery System



More Images



HIGH VOLTAGE
LIFEPO4 BATTERY
25 KWH



Fast Delivery
High Voltage
15 kwh

Product Description

Specific parameters

Product Model	ESK-4810CS
Type of Battery	Lithium Iron Phosphate
Cell layout	16S1P
Max parallel	16sets
Rated capacity	100AH(5120WH) for each
Rated voltage	51.2V
Charging voltage	58.4V
Output Power Range	5KW~80KW
Battery Weight	48.5kg per set
Battery Dimension (L* W * H)	72*40*20cm
Base Weight	15kg
Base Dimension (L* W * H)	72*40*15cm
Display	LCD
Warranty	5 years
Communication function	CAN/RS485
Cycle life	≥6000 times
Charging temperature	0 to +55
Operating temperature	-20 to +65
Matched solar inverter brands	PYLONTECH/GOODWE/Growatt/SMA/Victron/TBB/Must/Srne/MEGAREVO/Deye/INVT/Voltronic/SOFAR/SOROTEC,etc.
Protection function	Overcharge protection,over discharge protection,over-current protection,short circuit 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

CAN BE STACKED



Product Description:

Stackable LiFePO4 Battery

The Stackable LiFePO4 Battery is a solar battery designed for residential and commercial use. With its compact size of 720*400*200mm, this battery can easily fit into most solar energy systems, making it a convenient and efficient power storage solution.

One of the key features of this battery is its stackable design, allowing for multiple batteries to be connected together for increased capacity. This makes it suitable for both small and large-scale solar installations, providing flexibility and scalability for different energy needs.

With a discharge rate of 1C, the Stackable LiFePO4 Battery offers a stable and consistent power output, ensuring reliable performance. Its nominal voltage of 48V/51.2V allows for compatibility with various solar energy systems, making it a versatile choice for both new and existing installations.

As a LiFePO4 battery, this product boasts a long cycle life, providing a durable and sustainable energy storage solution. It also has a high energy density, allowing for more energy to be stored in a smaller space, making it a space-saving choice for solar installations. Moreover, the Stackable LiFePO4 Battery has been certified by CE, RoHS, and UN38.3, ensuring its safety and compliance with international standards. This adds to the peace of mind for users, knowing that the product has undergone rigorous testing and meets quality standards.

In conclusion, the Stackable LiFePO4 Battery is a reliable and efficient solar battery that offers a combination of long cycle life, high energy density, and safe and stable performance. Its stackable design and certifications make it a versatile and dependable choice for any solar energy system. Upgrade your solar energy storage with the Stackable LiFePO4 Battery today.

Features:

Product Name: Stackable LiFePO4 Battery

Protection: Built-in BMS

Weight: 48.5kg

Certifications: CE, RoHS, UN38.3

Nominal Voltage: 48V/51.2V

The Discharge Rate: 1C

Key Features:

High capacity: 48V 100AH Battery

Long-lasting: 5KWH lithium iron phosphate battery

Customizable: Stackable design allows for easy expansion and increased capacity

Safe and reliable: Built-in BMS provides protection against overcharging, over-discharging, and short circuits

Lightweight: Weighing only 48.5kg, making it easy to transport and install

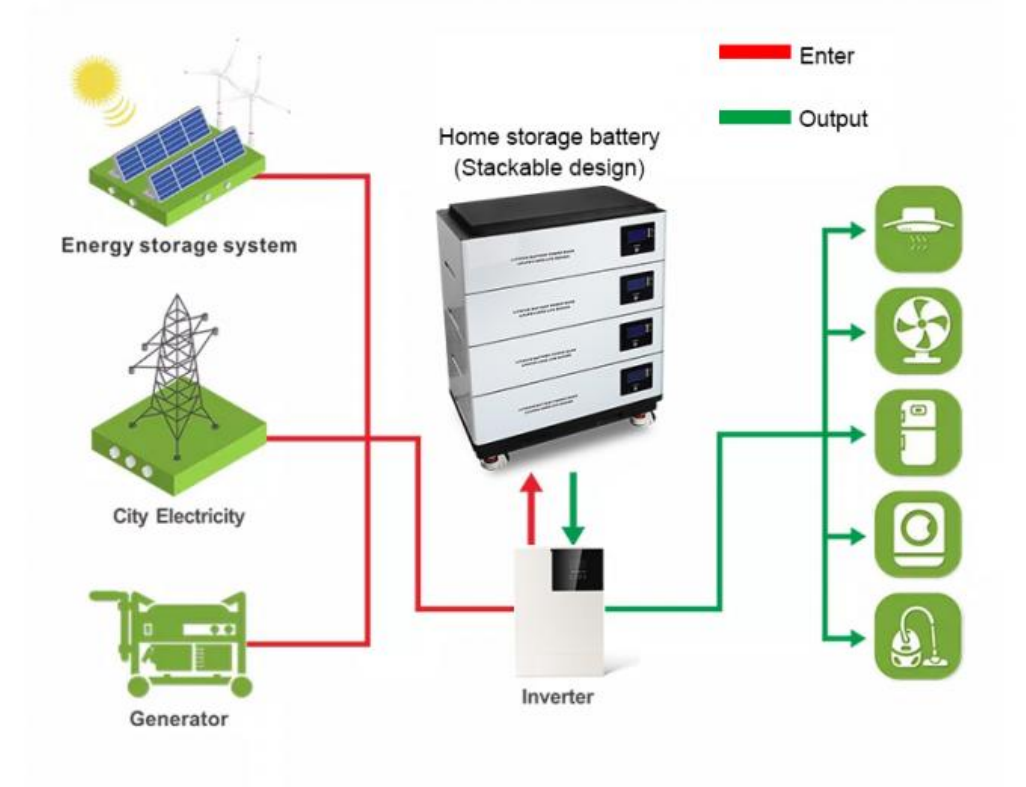
Certified: CE, RoHS, and UN38.3 certified for quality and safety assurance

Efficient: Nominal voltage of 48V/51.2V ensures stable and consistent power output

Stable performance: The discharge rate of 1C ensures reliable and consistent performance

Versatile: Suitable for a wide range of applications, including solar energy storage, electric vehicles, and backup power systems
Convenient: 48V 100AH Battery Pack allows for easy installation and integration with existing systems

Product connection diagram



Technical Parameters:

Specifications	Values
Product Name	Stackable LiFePO4 Battery
Weight	48.5kg
Dimensions	720*400*200mm
Battery Type	LiFePO4
Nominal Voltage	48V/51.2V
Max Parallel	16 Sets
The Discharge Rate	1C
Protection	Built-in BMS
Certifications	CE, RoHS, UN38.3
Key Features	48V 100AH Battery, Stacked batteries

Applications:

Brand Name: ENIKOL

Model Number: ESK4810CS

Place of Origin: Shenzhen

Certification: CE,FCC,UKCA,U38.3,MSDS

ENIKOL's Stackable LiFePO4 Battery, model ESK4810CS, is an advanced energy storage solution that is designed to meet the growing demand for reliable and efficient power sources in various applications. With its compact size, high discharge rate, and long cycle life, this battery is suitable for a wide range of applications in different industries.

Applications and Scenarios

Energy Storage System: The ENIKOL ESK4810CS battery is an ideal choice for energy storage systems in both residential and commercial settings. Its high capacity and long cycle life make it perfect for storing excess energy generated from renewable sources such as solar panels and wind turbines.

Renewable Energy: As the world shifts towards greener and more sustainable energy sources, the demand for reliable and efficient batteries for renewable energy systems is also increasing. The ESK4810CS battery is specifically designed to meet this demand and can be used in various renewable energy applications.

Solar Energy: With the increasing popularity of solar energy, the need for high-quality and durable batteries is also on the rise. The ESK4810CS battery is optimized for solar energy systems and can store excess energy generated during the day for use during the night or on cloudy days.

Wind Energy: Similar to solar energy, wind energy systems also require efficient and reliable batteries for energy storage. The ESK4810CS battery is designed to work seamlessly with wind turbines and can store excess energy generated from wind for later use.

Electric Vehicles: The ESK4810CS battery is also suitable for use in electric vehicles, providing a long-lasting and high-performance power source. Its compact size and stackable design make it an ideal choice for use in electric cars, bikes, and other vehicles.

Emergency Power Supply: In case of power outages or emergencies, having a backup power supply is crucial. The ESK4810CS battery can serve as an emergency power supply, providing reliable and continuous power for essential devices and appliances.

Backup Power Supply: In addition to emergencies, the ESK4810CS battery can also serve as a backup power supply for critical systems and equipment in various industries. Its high discharge rate and long cycle life make it a dependable power source for backup purposes.

Portable Power Supply: The compact and lightweight design of the ESK4810CS battery makes it a portable power supply option. It can be used to power various portable devices and equipment, making it an ideal choice for outdoor activities and remote locations.

Product Attributes

High Discharge Rate: The ESK4810CS battery has a discharge rate of 1C, which means it can deliver its full capacity in one hour. This high discharge rate makes it suitable for high-power applications that require a quick and reliable power source.

Long Cycle Life: With a design life of over 2000 cycles, the ESK4810CS battery offers a longer lifespan compared to traditional lead-acid batteries. This makes it a cost-effective and sustainable choice for various applications.

48V LiFePo4 Battery: The ESK4810CS battery has a nominal voltage of 48V/51.2V, making it an ideal replacement for traditional lead-acid batteries in various applications. Its LiFePo4 chemistry offers enhanced safety and performance compared to other battery chemistries.

Stacked Batteries: The ESK4810CS battery is designed to be stackable, allowing users to increase the overall capacity by connecting multiple batteries together. This makes it a scalable solution for applications with varying power needs.

Certifications: The ESK4810CS battery is certified by CE, RoHS, and UN38.3, ensuring its compliance with international quality and safety standards. This makes it a reliable and trustworthy choice for various applications.

Dimensions: The ESK4810CS battery measures 720*400*200mm, making it a compact and space-saving option for different applications. Its small size also makes it easy to transport and install.

Pricing and Availability

The ENIKOL ESK4810CS battery has a minimum order quantity of 2 pieces, and its price is negotiable. It is available for purchase worldwide and can be shipped within 7-15 days after order confirmation. With a supply ability of 4000 pieces per week, ENIKOL can meet the demand for this battery in various industries.

Packaging and Payment Terms

The ESK4810CS battery is packaged in a wooden box or carton to ensure its safe transport and delivery. ENIKOL offers flexible payment terms, including TT, LC, DA, and DP, making it easier for customers to purchase the battery.

Don't miss out on the opportunity to power your applications with the reliable and efficient ENIKOL ESK4810CS Stackable LiFePo4 Battery. Contact us now to place your order and experience the benefits of this advanced battery technology.



Customization:

Stackable LiFePO₄ Battery Customized Service

Brand Name: ENIKOL

Model Number: ESK4810CS

Place of Origin: Shenzhen

Certification: CE, FCC, UKCA, U38.3, MSDS

Minimum Order Quantity: 2 pieces

Price: Negotiable

Packaging Details: Wooden box/Carton

Delivery Time: 7-15 days

Payment Terms: TT, LC, DA, DP

Supply Ability: 4000 pieces per week

Nominal Voltage: 48V/51.2V

Certifications: CE, RoHS, UN38.3

Max Parallel: 16 Sets

Battery Type: LiFePO₄

The Discharge Rate: 1C

ENIKOL offers customized services for our Stackable LiFePO₄ Battery. Our battery has a nominal voltage of 48V/51.2V and is suitable for home energy storage. The battery pack can be stacked to increase capacity and meet your specific energy needs.

We provide a range of certifications including CE, FCC, UKCA, U38.3, and MSDS, ensuring the safety and quality of our product. Our minimum order quantity is 2 pieces and the price is negotiable. The packaging can be customized to your preference, either in a wooden box or carton. Delivery time is 7-15 days and we accept various payment terms such as TT, LC, DA, and DP. Our supply ability is 4000 pieces per week, meeting the demands of our customers.

With our customized service, you can choose the number of battery packs to be stacked, up to a maximum of 16 sets. Our battery type is LiFePO₄, known for its long lifespan and high safety standards. The discharge rate of our battery is 1C, ensuring stable and efficient energy output.

Choose ENIKOL for your 48V LiFePO₄ Battery needs and experience our reliable and customizable service. Contact us now for more information.

FAQ:

1. What is the product model of the battery?
 - The product model is ESK-4810CS.
2. What type of battery is it?
 - It is a Lithium Iron Phosphate battery.

3. How is the battery cell layout arranged?
 - The cell layout is 16S1P.
4. What is the maximum parallel sets that can be used?
 - The maximum parallel sets is 16.
5. What is the rated capacity of each battery?
 - Each battery has a rated capacity of 100AH (5120WH).

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