

Stackable 48v 100ah Lifepo4 Battery 20kwh Solar Energy 51.2v lithium ion batteries

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: ESK4810CS
- Minimum Order Quantity: 1 piece
- Price: USD 715/pc
- 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

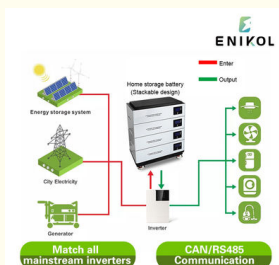


Product Specification

- Display: LCD
- Rated Capacity: 51.2V100AH(5120WH) Per Sets
- Charging Voltage: 58.4V
- Max Charging Current: 100A
- The Discharge Rate: 1C
- Shell Material: White Painted Steel
- Weight: 48.5kg
- Matched Solar Inverter Brands: Pylontech/ Goodwe/ Growatt/ Sma/ Victron/ Tbb/ Must/ Srne/ Megarevo/ Deye/ Lnv/ Voltronic/ Sofar/ Sorotec, Etc.
- Highlight: Stackable 48v 100ah Lifepo4 Battery, 51.2v Stackable Lifepo4 Battery, 100ah Stackable Lifepo4 Battery



More Images



Product Description

Specific parameters:

Product Model	ESK-4810CS
Type of Battery	Lithium Iron Phosphate
Rated capacity	100AH(5120WH) for each
Rated voltage	51.2V
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
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

Product Description:

The Stackable LiFePo4 Battery comes with a nominal voltage of 48V/51.2V, which makes it ideal for a range of applications. Additionally, this product is equipped with a communication function that supports RS485/CAN Protocol, making it easy to integrate with a variety of devices and systems. Whether you are looking for an energy storage solution for a residential or commercial application, this product has you covered.

The Stackable LiFePo4 Battery is capable of delivering an output power range of 5KW~80KW, which makes it ideal for a wide range of applications. Whether you are looking to power your home, office, or industrial equipment, this product has the power you need to get the job done. Additionally, with its stacked batteries, this product can be easily scaled up or down to meet your specific energy needs.

In summary, the Stackable LiFePo4 Battery is an excellent choice for anyone looking for a reliable, cost-effective, and flexible energy storage solution. With its stacked batteries, communication function, and high power output range, this product is ideal for a variety of applications, including solar battery systems. If you are in the market for an energy storage solution, be sure to consider the Stackable LiFePo4 Battery.



Fast Delivery
High Voltage
20 kwh

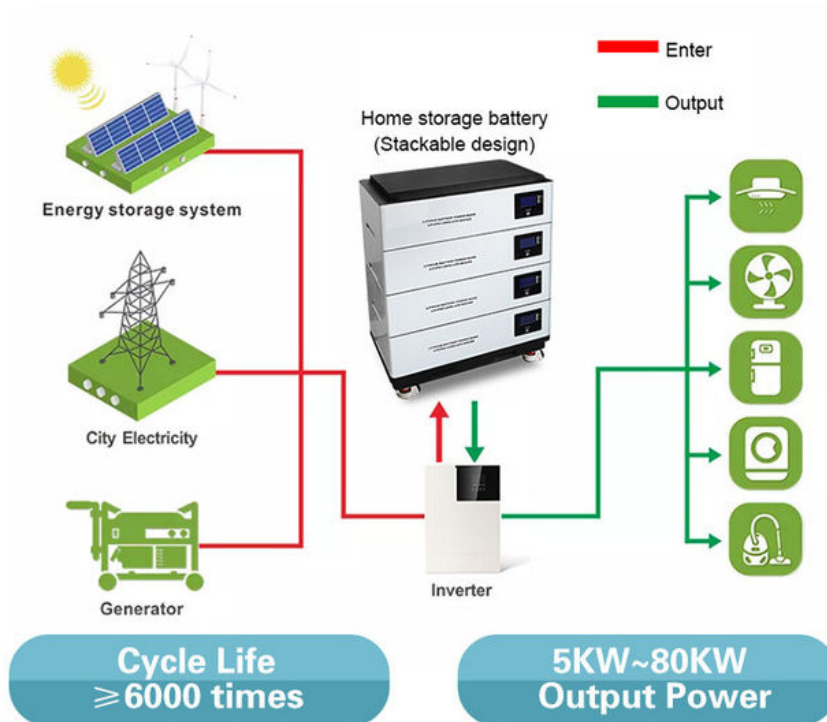
Features:

[Longer Life]: Stackable design for easy stacking, Cycle life ≥ 6000 times, safe, reliable and longer life. We have 20+ years of design experience.

[Extremely Safe]: Built-in automatic protection which can prevent overcharge, overdischarge, overvoltage, short circuit, low voltage alarm and over temperature. Stackable design, Firm structure and easy installation.

[Smart BMS]: Our lithium battery has a built-in Battery Management System (BMS) to balance all cells, we can ensure consistency and stability during battery use.

[Wide Application]: Suitable for home energy storage, Photovoltaic energy storage projects, Wind energy storage, UPS, Energy storage of base station, Fire emergency equipment, RV, etc.



Applications:

The Stackable LiFePo4 Battery is ideal for solar battery storage applications, providing a reliable source of power that is capable of meeting the demands of large-scale solar projects. With a rated capacity of 100AH (5120WH) per set, this battery is capable of storing a significant amount of energy, ensuring that it is always available when needed.

One of the key features of the Stackable LiFePo4 Battery is its built-in BMS (Battery Management System), which provides protection against overcharging, over-discharging, and short circuits. This ensures that the battery is always operating within safe parameters, prolonging its lifespan and ensuring that it remains reliable and efficient over time.

The Stackable LiFePo4 Battery is also designed to be stackable, allowing users to increase the storage capacity to meet their specific needs. This makes it an ideal solution for a range of applications, including off-grid solar systems, backup power systems, and more. The LCD display on the front of the battery provides real-time information about the battery's status, including the remaining capacity, voltage, and more. This makes it easy to monitor the battery's performance and ensure that it is operating as expected.

The Stackable LiFePo4 Battery has dimensions of 720*400*200mm and a nominal voltage of 48V/51.2V. It comes packaged in a wooden box or carton and can be delivered within 7-15 days, depending on the quantity ordered. Payment terms include TT, LC, DA, and DP, Support retail>

Support and Services:

The Stackable LiFePo4 Battery product technical support and services include:

- Assistance with product installation, setup, and configuration
- Troubleshooting and diagnosis of technical issues
- Guidance on product maintenance and care
- Provision of software updates and patches
- Provision of documentation and user manuals



A single battery is 5 Kwh
Can be stacked up to 80 Kwh



16 sets Max parallel Grade A LiFePO4 Cell

Packing and Shipping:

Product Packaging:

Each battery unit will be packaged in a sturdy cardboard box with foam inserts to ensure safe transportation.

Inner boxes will be packed into a larger shipping box for added protection.

The packaging will include a user manual and safety precautions for handling the battery.

Shipping:

Our shipping partner will be responsible for delivering the product to your doorstep.

Shipping fees will be calculated based on the distance and weight of the package.

Shipping time will depend on your location, but we will provide a tracking number for you to monitor your shipment.

Please note that due to safety regulations, we are unable to ship the battery via air transportation.

We will ensure that the battery is packaged securely to minimize any potential damage during transit.

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