



floor-standing Lifepo4 Battery 50Ah 2.56Kwh one in all Home Energy Storage For Power Supply

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: XWELL
- Certification: UN38.3, MSDS, UL, CB, BIS, PSE, GB4943.1 safety standard, CE, FCC, ROHS, battery UN38.3, MSDS, UL, CB, BIS, PSE
- Model Number: XW-SH37680
- Minimum Order Quantity: 1 pcs
- Packaging Details: Carton
- Delivery Time: 7-10 working days
- Payment Terms: L/C, D/A, D/P, T/T, Western Union, MoneyGram
- Supply Ability: 5000 pcs per month



Product Specification

- Cell Type: LiFePO4
- Rated Working Current: 50A
- Operating Voltage Range(V): 51.2V
- Communication: CAN/RS485/RS232
AC110V/220V/50Hz/60Hzmethod:
- Mounting Type: Floor-Standing
- Operating Temperature: -20 To +65
- Storage Type: Standard Storage
- Highlight: **Home Energy Storage Lifepo4 Battery, 2.56Kwh Lifepo4 Battery, 50Ah Lifepo4 Battery**

Product Description

Floor-Standing Lifepo4 Battery 50Ah 2.56Kwh One In All Home Energy Storage For Power Supply

Product description

The 5kW 48V 200Ah All-in-One Rechargeable Lithium Battery Pack is specifically designed for residential solar systems, providing efficient and reliable energy storage capabilities. This battery pack offers a convenient and compact solution for storing excess solar energy generated during the day for use during nighttime or periods of high energy demand.

Our services

- 1,Power Output: The battery pack has a power output of 5kW (kilowatts), making it capable of delivering sufficient power to meet the demands of most residential loads. It can handle simultaneous operation of multiple appliances and devices.
- 2,Battery Management System (BMS): The integrated BMS ensures safe and efficient operation of the battery pack. It monitors and balances individual cell voltages, regulates charging and discharging processes, and provides protection against overcharging, over-discharging, and short circuits.
- 3,Monitoring and Control: The battery pack can be monitored and controlled remotely through a dedicated monitoring system or smartphone app. This allows users to track energy usage, battery status, and performance metrics, enhancing system visibility and control.
- 4,Safety Features: The battery pack incorporates various safety features, such as temperature sensors, current limiters, and built-in protection mechanisms, to prevent overheating, overcurrent, and other potential hazards.
- 5,Easy Installation: The all-in-one design and pre-integrated components simplify the installation process. Detailed installation instructions and guidelines are provided to ensure a smooth setup.



Stackable Home Energy Storage System Specification

Model	3 modules	4 modules	5 modules	6 modules
Nominal capacity (kwh)	7.68	10.24	12.8	15.36

Battery cell configuration	48S1P	64S1P	80S1P	96S1P
Operating voltage range(V)	136.8-172.8	182.4-230.4	228-288	237.6-345..6
Weight	115kg	145kg	175kg	205kg
Nominal voltage	153.6V	204.8V	156V	307.2V
Dimension (mm)	550x430x697.5	550x430x826.5	550x430x955.5	550x430x1084.5
Battery cell type	LiFePO4			
Rated working current	50A			
Communication method	CAN/RS485/RS232			
Operating temperature range	Charging: 0~45 Discharging: -10~50			
Protection level	IP55			
Installation method	Floor installation			
Cycle life	>6000 Cycles(80%DOD)			
Peak charge/discharge current	63A, (@25 ,5S)			
Self-discharge rate	≤3.5%/month/@25°C			
Series function	3S~8S			

FAQ

Q: What is your MOQ?

A: There is no MOQ and we also support a sample service.

Q: How about the payment terms?

A: T/T, Paypal, Wire Transfer and Online Transfer are all acceptable.

Q: Is the battery kit equipped with BMS?

A: Yes, our battery kit comes complete with the BMS and all the accessories needed to assemble the battery pack. Customers can assemble their own battery packs if they have enough batteries.

Q: What options are available for the BMS that comes with the battery kit?

A: 100A/150A/200A BMS are available for customers to choose.

Q: What are the advantages of your battery kits?

A: Our kits have the following advantages:

Stackable

External port can pass 250A current individually

The internal BMS is compatible with CAN and RS485 communication and can communicate with a wide range of inverters without complex commissioning

The PCB boards are soldered with the corresponding wires for the customer to assemble in order

The external LCD display shows the basic parameters

The side clamping plates apply pressure to the battery for better clamping

Equipped with a weak switch for greater safety

Complimentary 485 adapter cable for connection to the PC

Q: What is the shipping time limit for battery kit?

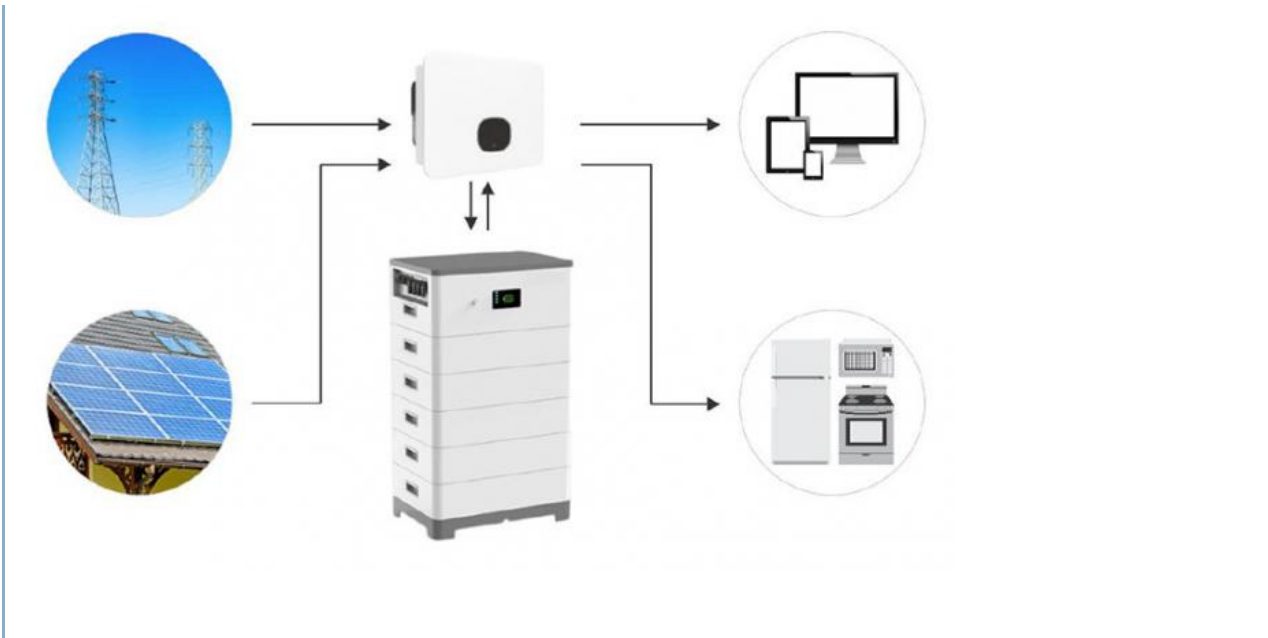
A:The transit time is approximately 35-38 business days.

Q: What should I do when I receive the battery kits?

A: First open the box when you sign for it to check that the contents have not been damaged in transit, and then double check that the battery kit is complete with all the accessories.

Q: Why has my logistics information not been updated?

A: The goods will be shipped by UPS or a local shipping company, but due to the tedious process of shipping across borders, the logistics information will not be updated for a while until the goods arrive in your country. It is only when the goods are picked up by the local carrier and ready for dispatch that the logistics status will be updated accordingly.



XWELL GUANGDONG XWELL TECHNOLOGY CO., LTD.

+86 18620492985

sales@esslithiumbattery.com

esslithiumbattery.com

Room 322, Building 3, No. 801, Qiaoxing Avenue, Xiaoluo Village, Shatou Street, Panyu District, Guangzhou, China