



5.12kwh Solar Wall Mounted Lifepo4 Battery 51.2V 16S1P 3.2v 100Ah

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-5120W-1
- 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

- Model: 51.2V100Ah
- Nominal Capacity: 5.12kwh
- Voltage: 51.2V
- Battery Type: LiFePO4 Battery
- Communication Interface: RS485, RS232, CAN
- Internal Impedance: $\leq 0.8m\Omega$
- Standard Charge Voltage: 58.4V
- Max Charge Current: 40A
- Parallels Function: Support 8 Units In Parallels
- Discharge Cut-off Voltage: 40V
- Highlight: **5.12kwh Wall Mounted Lifepo4 Battery, Wall Mounted Lifepo4 Battery 51.2V, 3.2v Wall Mounted Solar Battery**

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Product Description

5.12kwh Solar Wall Mounted 51.2V Home grid Floor Backup Wall Mounted Lifepo4 Battery Stackable Power Station

Description of Wall Mounted Lifepo4 Battery

The 5.12KWh 51.2V 100Ah home battery is a wall mounted Lithium battery storage system. It is based on 16S1P 3.2v 100Ah Lithium iron phosphate battery cells. And it is also a stackable home battery. The system can be expanded in parallel, according to the different scale battery storage systems. It has the ability to store power generated by an onsite solar system or from the grid for use as an emergency home battery backup. Over 6000cycles life make it can be used for over 15years. During this period , we will provide every customer with 10-year warranty to make you assured.

Features of Wall Mounted Lifepo4 Battery

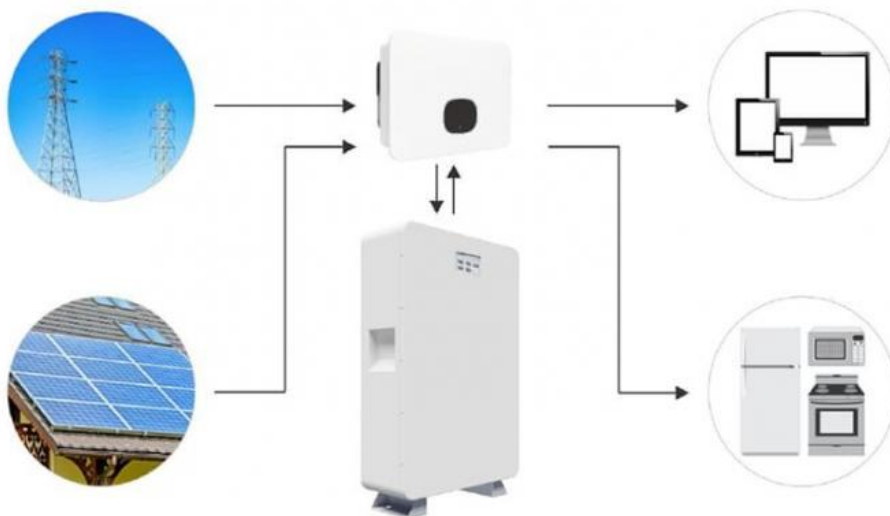
1. LiFePo4 cells: High quality and safety
2. Complete certificatesCE/IEC/UL etc.
3. Stackable Expandable
4. Intelligent Build in BMS
5. Multiple protection
6. Compact Design
7. Safety Protection
- 8.Long life: >6,000 Cycles at 90% DOD

Specification of Residential Battery Storage System

Model	51.2V50Ah	51.2V100Ah	51.2V200Ah
Nominal capacity (kwh)	2.56	5.12	10.24
Nominal voltage	51.2V		
Cell type	LiFePO4		
Standard charge voltage	58.4V (adjustable)		
Max discharge current	40A	80A	120A
Discharge cut-of voltage	40V (adjustable)		
Max discharge current	50A	100A	200A
Parallels Function	Support 8 units in parallels		
Communication interface	RS485, RS232, CAN		
Cycle life	>6000 Cycles(80%DOD)		
Charge temperature range	0~65°C		
Discharge temperature range	-20~65°C		
Color	white		
Dimension(mm)	550x440x125	600x510x173	800x710x273
Weight	29kg	47kg	80kg
Installation method	Wallmounted/Floor type		



Connection diagram

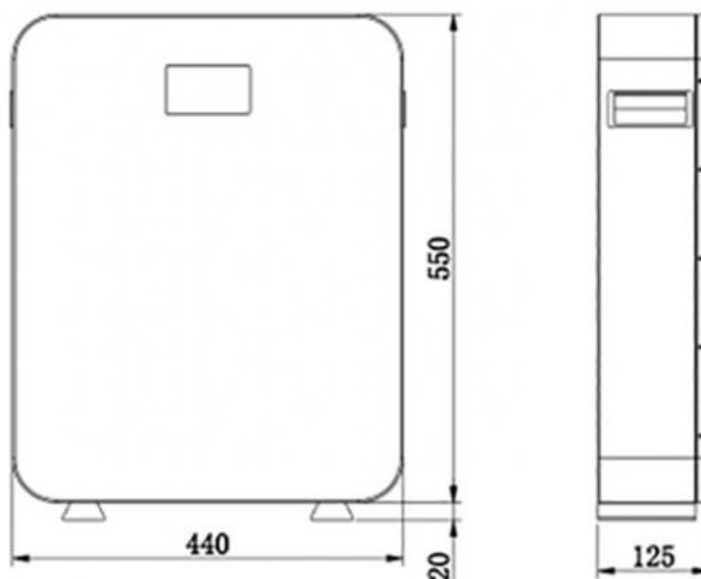


Home Energy Storage System Operation Pannel



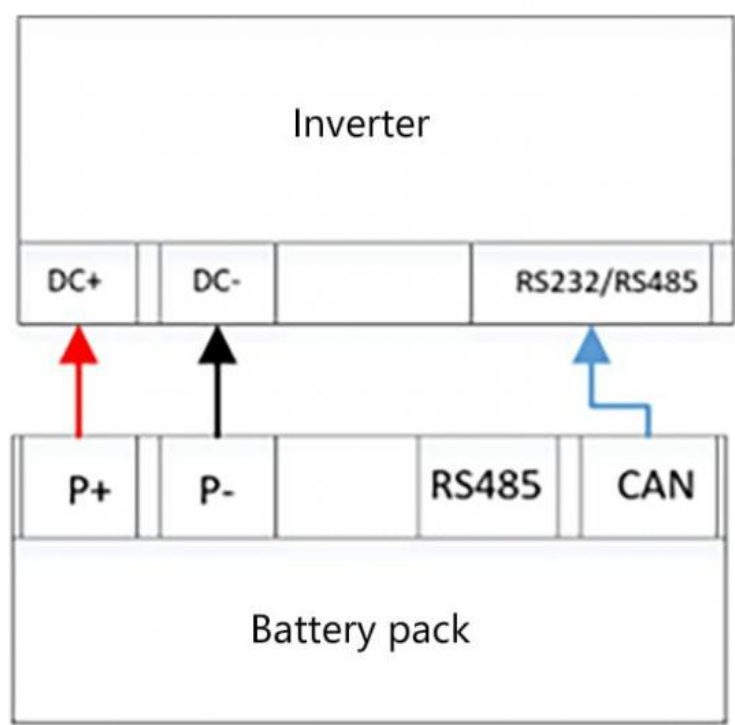
- ① Output negative pole
- ② Output positive pole
- ③ RS232 communication port (software update)
- ④ RS485/CAN communication port (communicate with inverter)
- ⑤ Switchs for address

Home Energy Storage System Size



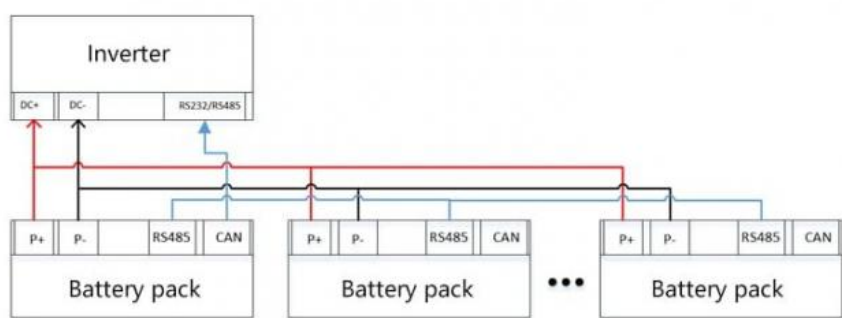
Home Energy Storage System Single Battery Pack Wiring Diagram

Single battery pack wiring diagram



Home Energy Storage System Parallels Connection Wiring Diagram

Parallel connection wiring diagram of multiple battery packs



FAQ

1. Q: How can you guarantee quality?

A: We have a perfect pre-sales service and after-sales service system. We will start to track the whole process from the factory production, and there will be a service specialist to provide you with exclusive service, so as to ensure that there is no problem in the entire order process.

2. Q: Do you provide samples?

A: Yes, sample orders are welcomed.

3. Q: Do you provide OEM&ODM service?

A: Yes, we provide OEM&ODM service for most of our products. Please contact our sales manager for details.

4. Q: What can you buy from us?

A: Solar Panel, BIPV, Solar cleaning robot, Battery, Portable power supply, and other solar energy products. If you have any needs, you can contact our sales managers. We will find the best solution for you.

5. Q: Are the products in stock?

A: For most products, we have inventory and will arrange delivery in time. For large orders, we will calculate the delivery time accordingly and communicate with you.

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