3.65V Residential Battery Storage System , Hybrid Off Grid Inverter Battery

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-2560W
- 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

- Discharge Cut-off Voltage: 40V
- Standard Discharge Current: 0.5C
- Max Discharge Current: 50A
- Maximum Discharging Current: 100A(2C)
- Communication Interface: RS485, RS232, CAN
- Internal Impedance: ≤0.8mΩ
- Cell Type: LiFePO4
- Standard Charge Voltage: 58.4V
- Max Charge Current: 40A
- Parallels Function: Support 8 Units In Parallels
- Highlight: **3.65V Residential Battery Storage System**, **Off Grid Residential Battery Storage System**, **Hybrid Off Grid Inverter Battery**

Our Product Introduction

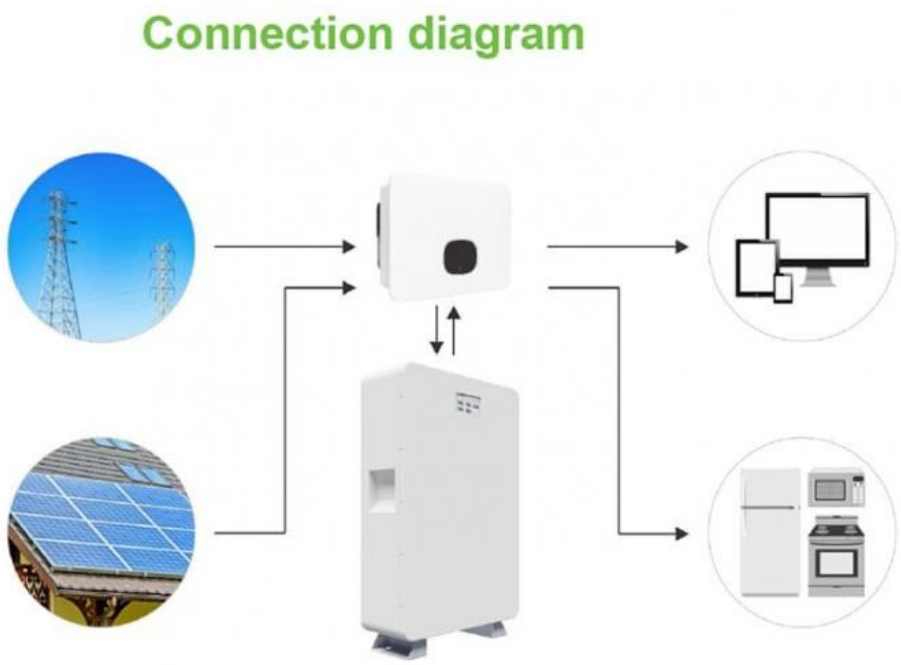
for more products please visit us on esslithiumbattery.com

Product Description

Voltage Range 2.5-3.65v Home Energy Storage System Stackable Modular Hybrid Off Grid Inverter Battery

Home Energy Storage System Description

Residential battery storage refers to systems that allow homeowners to store excess energy generated by their solar panels or other renewable energy sources, such as wind turbines, for later use. These systems typically consist of a battery bank, an inverter, and a charge controller.



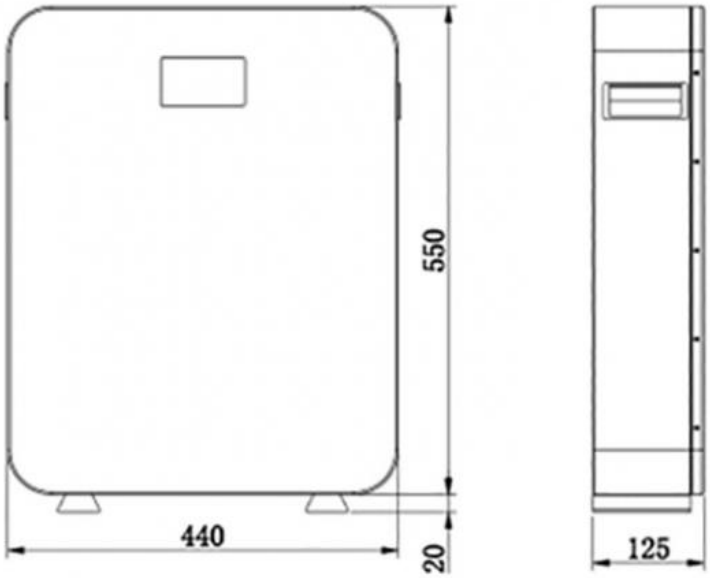
Home Energy Storage System Specification

No.	Item	General Parameter	Remark
1	Material system	Lithium iron phosphate	/
2	Typical Capacity	50Ah	0.5C Standard discharge
3	Operating voltage range	2.5~3.65V	/
4	Nominal Voltage	3.2V	Mean Operation Voltage
5	Standard Charge Voltage	3.6V	By standard charge method
6	Internal Impedance	≤0.8mΩ	1kHz 2%SOC
7	Dimension	Thickness: ≤37.5mm	Initial Dimension
		Width:135±1mm	
		Hight:192±1mm	
8	Weight	≤2.03 Kg	
9	Standard charge current	0.5C	0.5C constant current,3.65V constant voltage charge to 3.65V, continue charging till current decline to ≤0.05C
10	Maximum Charging Current	50 A	25±2
11	Standard discharge Current	0.5C	25±2
12	Maximum discharge current	50 A	25±2
13	Maximum Discharging Current	100A(2C)	25 , 50%SOC, 30s

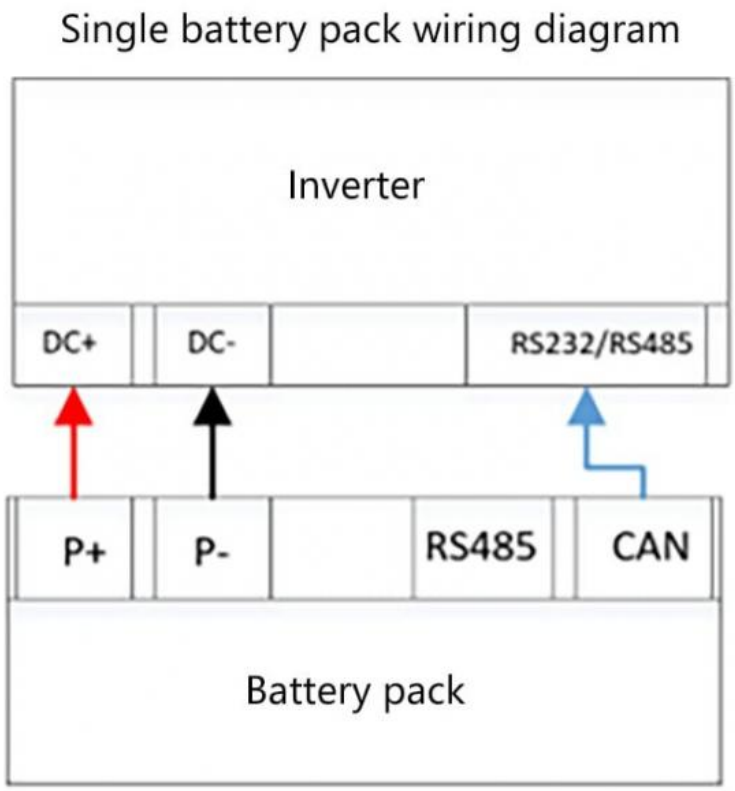
Home Energy Storage System Operation Pannel

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

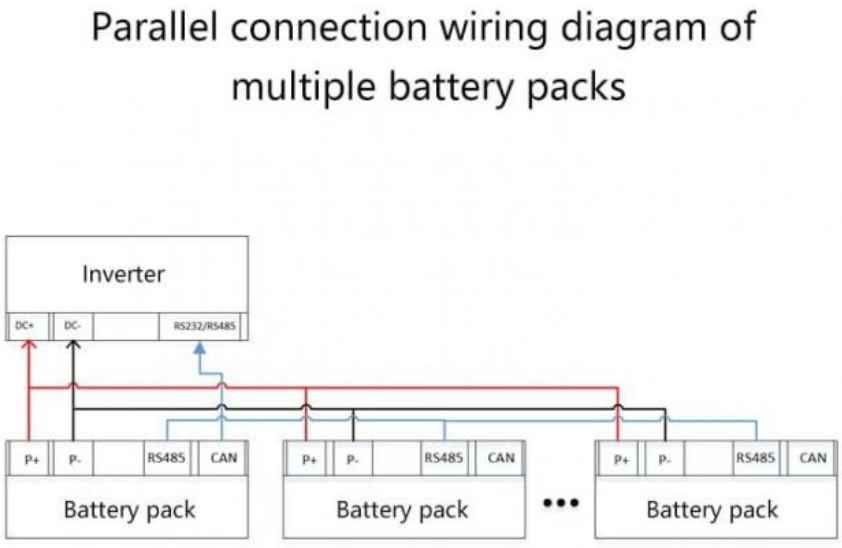
Home Energy Storage System Size



Home Energy Storage System Single Battery Pack Wiring Diagram



Home Energy Storage System Parallels Connection Wiring Diagram



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 availble 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.

feature

1.High quality lithium iron phosphate cells
2.Compatible with many brands of inverter protocols
3.Plug in batteries then working

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