



15.36Kwh ESS Lithium Battery , Wall Mounted Solar Battery For Electric Vehicles

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

- Maximum Discharge Current: 50 A
- Nominal Voltage: 3.2V
- Weight: ≤ 2.03 Kg
- Operating Voltage Range: 2.5-3.65V
- Internal Impedance: $\leq 0.8m\Omega$
- Dimension: Width: 135 ± 1 mm
- Voltage: 40V
- Highlight: **15.36Kwh ESS Lithium Battery, Wall Mounted ESS Lithium Battery, Electric Vehicles Wall Mounted Solar Battery**

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Product Description

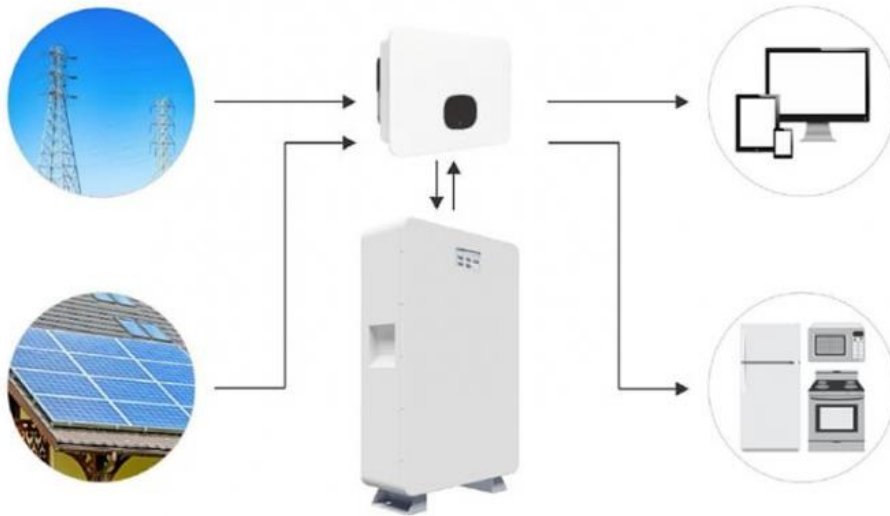
Model 6 15.36Kwh ESS Lithium Battery Home Appliances Electric Vehicles Solar Energy Storage Power Wall Battery

Description

ESS lithium batteries are also used in electric vehicles, where they provide a lightweight and efficient source of power for the vehicle's electric motor. They can also be used in backup power systems for critical infrastructure, such as hospitals, data centers, and emergency response systems, ensuring that these systems remain operational even in the event of a power outage.



Connection diagram



Home Energy Storage System Specification

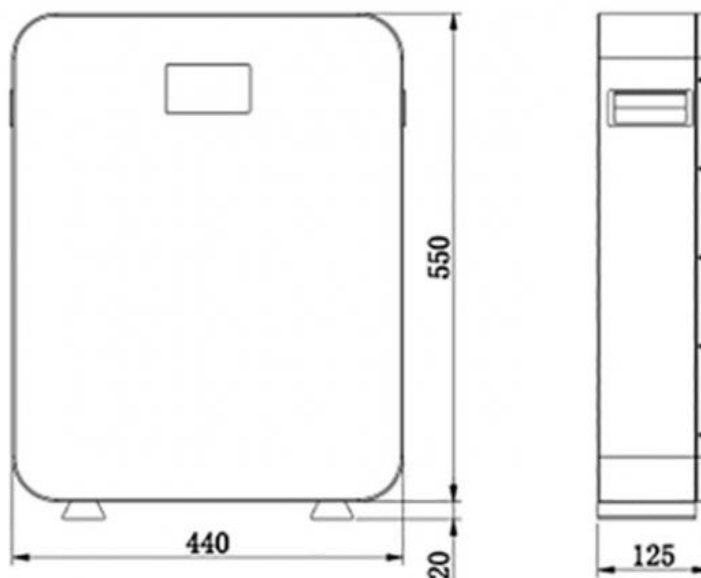
| No. | Item | General Parameter | Remark |
|-----|-----------------------------|---------------------------------|--|
| 1 | Material system | Lithium iron phosphate | / |
| 2 | Typical Capacity | 50Ah | 0.5C Standard discharge |
| 3 | Operating voltage range | 2.5~3.65V | / |
| 4 | Nominal Voltage | 3.2V | Mean Operation Voltage |
| 5 | Standard Charge Voltage | 3.6V | By standard charge method |
| 6 | Internal Impedance | $\leq 0.8\text{m}\Omega$ | 1kHz 2%SOC |
| 7 | Dimension | Thickness: $\leq 37.5\text{mm}$ | Initial Dimension |
| | | Width: $135\pm 1\text{mm}$ | |
| | | Height: $192\pm 1\text{mm}$ | |
| 8 | Weight | $\leq 2.03\text{ Kg}$ | |
| 9 | Standard charge current | 0.5C | 0.5C constant current, 3.65V constant voltage charge to 3.65V, continue charging till current decline to $\leq 0.05\text{C}$ |
| 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



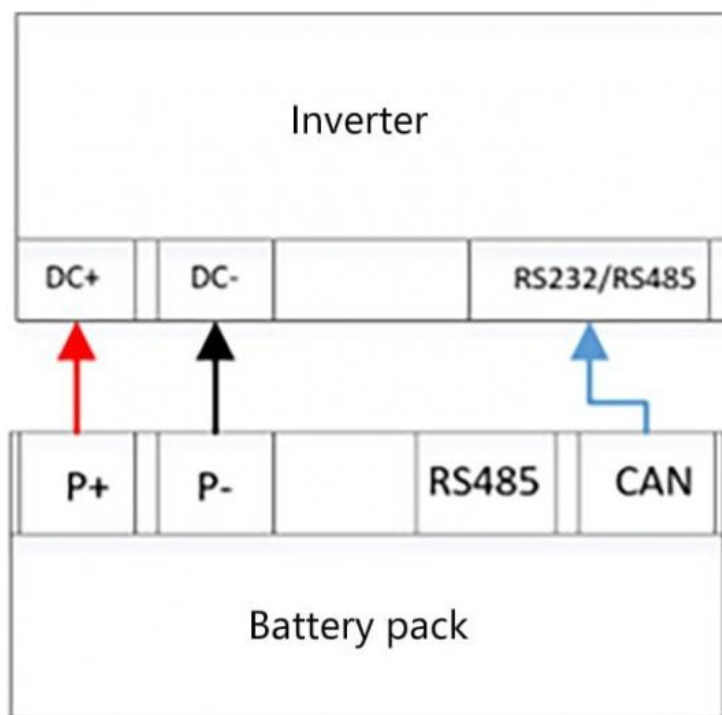
- ① Output negative pole
- ② Output positive pole
- ③ RS232 communication port (software update)
- ④ RS485/CAN communication port (communicate with inverter)
- ⑤ Switchs for address

Home Energy Storage System Size



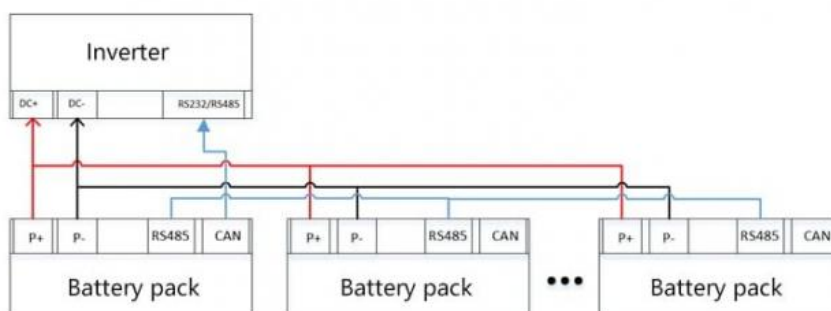
Home Energy Storage System Single Battery Pack Wiring Diagram

Single battery pack wiring diagram



Home Energy Storage System Parallels Connection Wiring Diagram

Parallel connection wiring diagram of multiple battery packs



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.

feature

1..Flexibleconfiguration

Multiple battery modules can be in parallel for expanding capacity and power.

2.Commercial Bus and Transit:

E-car, E-bus, Golf trolley/car, E-bike, Scooter, RV, AGV, Marine, Tourist car, Caravan, Wheel chair,

3.High efficiency: Lithium-ion batteries are highly efficient, which means that they can convert a high percentage of the energy stored in them into usable electricity.

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