



All In One Solar Energy Storage Battery System 2.56kwh With Mppt

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

- Charge Capacity: 2.56kwh
- Working Voltage: 51.2V
- Battery Type: LiFePO4
- Full Charge Voltage: 58.4V
- Max Charge Current: 40A
- Discharge Cut-off Voltage: 40V
- Max Discharge Current: 50A
- Parallels Function: Support 8 Units In Parallels
- Communication Interface: RS485, RS232, CAN
- Cycle Life: >6000 Cycles(80%DOD)
- Highlight: **Solar Energy Storage Battery System 2.56kwh, Mppt Solar Energy Storage Battery System**

Product Description

All In One Solar Energy Storage Battery System 2.56kwh Commercial Solar Energy Battery Storage System With Mppt

Description of Solar Energy Storage Battery System

Working for the residential community, remote village and small-house and so on.

Providing stable electricity power by renewable energy from PV.

When the utility is abnormal, the BSS runs in off-grid/on grid mode and provides stable power for load.

The inverter has a variety of working modes. Whether it is used for main power supply in the area without electricity or back up power supply in the area with unstable power to deal with sudden power failure, the system can respond flexibly.

Application of Solar Energy Storage Battery System

1. Villa
2. Farm
3. Communication base station
4. Nomadic area
5. Household
6. Field power supply

Solar Panels

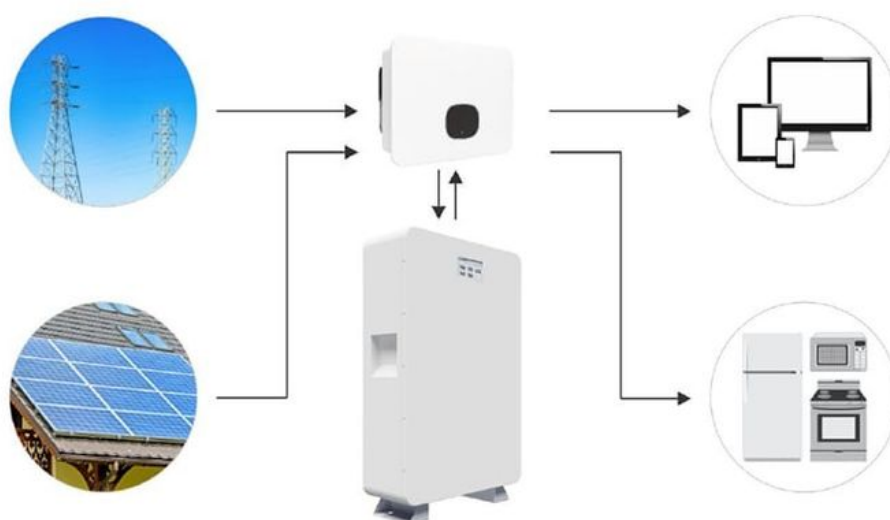
1. Solar panels are available
2. 30 years warranty
3. Highest quality with full certificates
4. Excellent mechanical load resistance
5. PID Resistant, High salt and ammonia resistance

Specification of Solar Energy Storage Battery 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-off 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

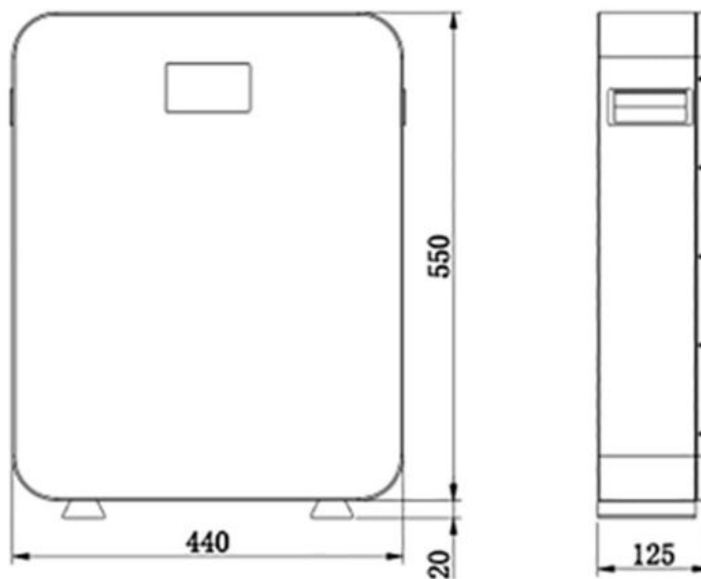


Home Energy Storage System Operation Pannel



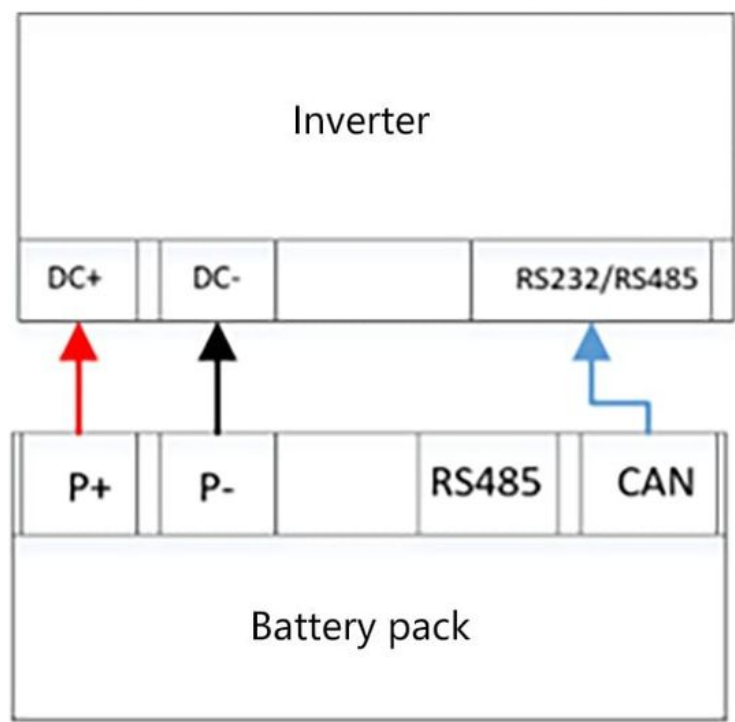
- ① Output negative pole
- ② Output positive pole
- ③ RS232 communication port (software update)
- ④ RS485/CAN communication port (communicate with inverter)
- ⑤ Switchs for address

Home Energy Storage System Size



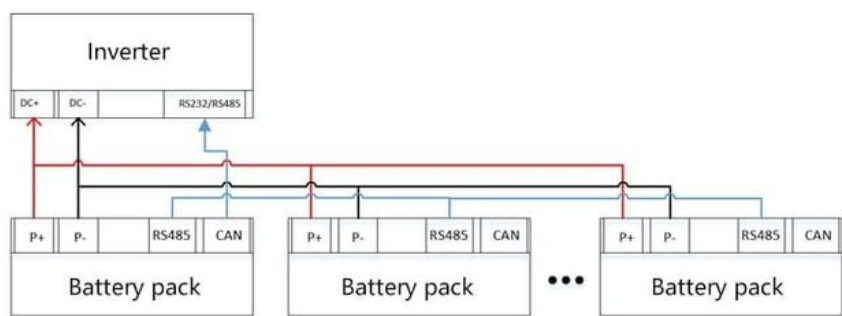
Home Energy Storage System Single Battery Pack Wiring Diagram

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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