



5kWh 200A Hybrid Inverter With Voltage Li-Ion Battery Integrated 1000W Full-Featured ESS System

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-3200W
- 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

- Nominal Voltage: 51.2V
- Charge Current: 50A-100A
- Nominal Capacity: 5.0kwh
- Cell Type: LiFePO4
- Cycle Life: 6000
- Inverter Rated Power: 3.2kw
- Peak Power: 5kw
- Output: AC110V/220V/50Hz/60Hz
- Highlight: 5kWh Hybrid Inverter, 200A Hybrid Inverter, 1000W Hybrid Inverter

Product Description

5kWh-200A Hybrid Inverter with Voltage Li-ion Battery Integrated 1000W Full-Featured ESS System

All In One Energy Storage System Description

The series offers battery capacities of 2.5kWh, 5kWh and 10kWh to meet different energy needs. The series features A-grade lithium iron phosphate cells with a cycle life of over 3000 times, built-in BMS for safety protection, and supports RS485/RS232/CAN communication protocols. The series is also compatible with various energy storage inverters on the market, providing stable energy storage and output.



All in One Energy Storage System Specification

| Battery Parameters | | |
|--------------------------------------|------------------------|-------------|
| Model | 51.2V100Ah | 51.2V200Ah |
| Nominal voltage | 51.2V | |
| Nominal capacity (kwh) | 5KWh | 10KWh |
| Cell type | LiFePO4 | |
| Cycle life | >6000 Cycles(80%DOD) | |
| Charge temperature range | 0~65°C | |
| Discharge temperature range | -20~65°C | |
| Maximum continuous charge current | 50A | |
| Maximum continuous discharge current | 100A | |
| Color | Black /White | |
| Dimension (mm) | 710x300x600 | 710x300x800 |
| Weight | 81Kg | 110Kg |
| Installation method | Floor type with wheels | |
| Inverter Parameters | | |
| Rated power | 3.2KW | |
| Peak power | 5KW | |
| Output wave form | Pure sine wave | |
| Input/Output AC voltage | AC 110V/220V | |
| Input/Output AC voltage frequency | 50Hz/60Hz | |

All in One Energy Storage System Connection Diagram



FAQ

1. Is the battery used in the battery pack grade A?

Yes, we only use Grade A and Brand new cells inside.

2. Do you test and match the battery before installing the battery pack?

Yes, every cell will be tested capacity, IR, voltage to surely match

Voltage: The deviation less than 0.01V

Resistance: The deviation less than 0.1mΩ

Capacity: Same capacity matched

3. How do I store my batteries?

When the product is not in use for a long time, it should be stored in a dry, clean and well-ventilated warehouse at 10°C 35°C, avoiding inflammable and explosive materials; the battery pack should be charged and maintained regularly every three months to ensure that the battery best performance state.

4. What is the cycle life of the battery?

6000 cycle life @ 80% DOD

5. What's the warranty of your 48V/51.2V battery pack?

5 years warranty, if there is broken item under quality problem within warranty time, we will offer free replacements or refund, up to your needs

6. Do your batteries support series or parallel connection?

Our 48V battery packs support up to 15pcs in parallel, if you need series connection, please contact our sales staff

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