



Powerful All In One Inverter Battery Unleashing Efficient And Stable Energy Solutions

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

- Apparent Voltage: 51.2V
- Charge Current: 50A-100A
- Official Capacity: 5.0kwh
- Cell Type: LiFePO4
- Circular Life: 6000
- Inverter Rated Power: 3.2kw
- Max Energy: 5kw
- Productity: AC110V/220V/50Hz/60Hz
- Highlight: **Efficient All In One Inverter Battery,
Powerful All In One Inverter Battery,
Stable All In One Inverter Battery**

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Product Description

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

All In One Energy Storage System Description

An All In One Inverter Battery is a cutting-edge power solution designed to meet the diverse energy requirements of both residential and small commercial settings. This integrated device combines the functions of an inverter and a battery into a single, compact unit, providing users with a seamless and efficient power backup and conversion system.

Equipped with advanced power electronics technology, it is capable of converting direct current (DC) stored in the battery into alternating current (AC) to power a wide range of electrical appliances and equipment. The inverter within the unit ensures a stable and clean power output, protecting sensitive electronics from voltage fluctuations and surges. The battery component, often based on high-performance lithium-ion or other reliable chemistries, offers substantial energy storage capacity, enabling it to supply power during grid outages or periods of peak demand.

Designed for convenience and efficiency, it offers a reliable source of power for a variety of applications. Whether for home use during power outages or for off-grid installations, this all-in-one solution simplifies power management.

With its integrated design, it offers seamless integration into your home or business. The system includes a high-capacity battery that stores energy for use when you need it most. Whether it's for backup power during outages or to optimize your energy consumption, this energy storage system has you covered.

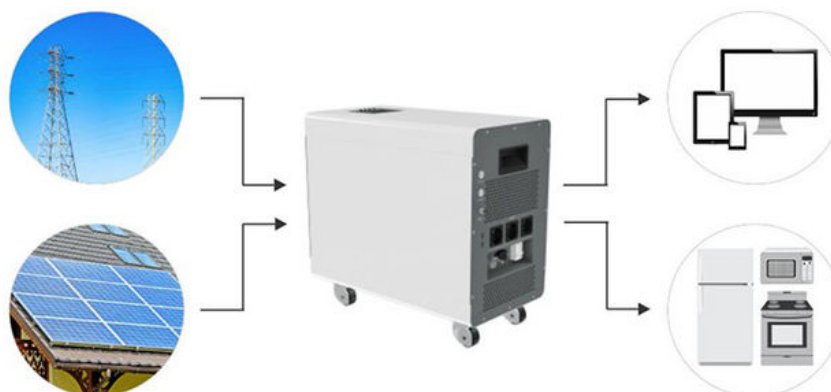


All in One Energy Storage System Specification

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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