



5kw 48V200Ah One In All Rechargeable Lithium Battery Pack For Residential Solar 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

- Capacity Range: 100Ah 200Ah
- Standard Voltage Output: 48V
- Charge Current: 50A
- Discharge Current: 100A
- Product Cell Type: LiFePO4 Prismatic Cell
- Rate Energy: 5.0Kwh
- Life Length: 6000 Cycles
- Cell Model: LiFePO4 Battery Cell
- Max Power: 5.0Kw
- Highlight: **48V200Ah Rechargeable Lithium Battery Pack, 5kw Rechargeable Lithium Battery Pack**

Product Description

5kw 48V200Ah one in all Rechargeable Lithium Battery Pack for Residential Solar System

Product description

The 5kW 48V 200Ah All-in-One Rechargeable Lithium Battery Pack is specifically designed for residential solar systems, providing efficient and reliable energy storage capabilities. This battery pack offers a convenient and compact solution for storing excess solar energy generated during the day for use during nighttime or periods of high energy demand.

Key Features:

High Energy Density: The lithium battery cells used in this pack offer a high energy density, allowing for efficient energy storage in a compact form factor.

All-in-One Design: This battery pack integrates all the necessary components, including the batteries, battery management system (BMS), and inverter, into a single unit. This streamlined design simplifies installation and reduces the overall footprint of the system.

Rechargeable: The lithium battery pack is rechargeable, allowing it to be charged and discharged multiple times without significant capacity loss. This ensures a long lifespan and reliable performance over the product's lifetime.

48V System Voltage: The battery pack operates at a nominal voltage of 48V, which is a common voltage for residential solar systems. This compatibility makes it easier to integrate the battery pack into existing solar installations or new setups.

Modern and Modularity

With easy installation and a minimalist design, Power storage brick complements a variety of home styles. The modularity, The battery capacity can be increased freely and flexibly according to the situation of home use.

Rechargeable Lithium Battery Pack 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	

Rechargeable Lithium Battery Pack Connection Diagram



Our service

1. 3 years warranty for solar lights and solar power generation system, 15 years warranty for solar panels.
2. Good packaging.
3. The main components are matched with 1% accessories.
4. In addition to customer service spare parts, customers need to take photos of damaged parts or confirm test data, and we will send damaged parts or brand new products to consumers. (Consumers who give up the opportunity to cooperate again need to bear the freight by themselves)
5. You are welcome to contact us 24 hours a day.

Company Information

We are a technological innovation company, mainly engaged in R&D and sales of lithium battery and battery pack technology, focusing on the R&D and manufacturing of new energy storage products.

In the beginning of the company establishment in 2005, we occupied 40% market share in Guangdong Province with single-chip programming charging solution, and won exclusive orders from Wal-Mart, after 16 years continuously development, now the company has industry-leading lithium battery PACK R&D experience and manufacturing equipment, and a professional technical team provides one-stop service of new energy battery products for domestic and foreign customers regarding the industry needs.



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