



High Compatibility Lithium Storage Batteries for Home Energy Storage Rack Installation

Our Product Introduction

Basic Information

- Place of Origin: shenzhen
- Brand Name: daxin
- Certification: CE,UL
- Model Number: DX-B-48V150AH
- Minimum Order Quantity: 10
- Packaging Details: Wooden pallet+cardboard box
- Payment Terms: T/T and Western Union
- Supply Ability: 10000pcs/month



Product Specification

- Ventilation: Built-in
- Product Category: Lithium Storage Batteries
- Keywords: Home Energy Storage Battery, Household Energy Storage Battery, Home Battery Energy Storage System
- Storage Capacity: 150AH
- Certifications: CE And UL
- Usage: Rack Installation
- Highlight: **High Compatibility Lithium Storage Batteries, Home Energy Storage Lithium Batteries**

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Product Description

High Compatibility Lithium Storage Batteries for Home Energy Storage Rack Installation

Key Features

- 150AH storage capacity with high energy density
- Built-in ventilation system for temperature control
- Lithium Iron Phosphate (LiFePO4) technology
- 0.2C discharge rate for consistent performance
- CE and UL certified for safety and quality
- Sleek black finish for modern aesthetics
- Optimized for rack installation in homes and businesses

Product Specifications

Model Number	DX-B-48V150AH
Storage Capacity	150AH
Material	Lithium Iron Phosphate
Discharge Rate	0.2C
Certifications	CE, UL
Minimum Order Quantity	10 units
Price	\$1200 USD
Manufacturer	Shenzhen

Product Description

The daxin DX-B-48V150AH Lithium Storage Battery is a high-performance energy storage solution designed for residential and commercial applications. Its rechargeable Lithium Ion Polymer technology offers superior energy density in a compact form factor, making it ideal for space-constrained installations.

Engineered for durability, this battery system withstands repeated charge/discharge cycles while maintaining optimal performance. The built-in ventilation ensures safe operation even during extended use, while the rack-mountable design simplifies integration into existing energy systems.

02 storage+5KW inverter

Top brand battery, A-grade quality, 6000 cycles. Modular mobile and stacked design, 1 layers of batteries, easy to install and expand plug and play, saving indoor moving space/high charging and discharging current, Suitable for solar energy storage systems, with various safety and certification real-time monitoring, CAN2.0/RS485 communication interface



Item		Battery Spec	Inverter Spec	
Nominal voltage		51.2V	AC output data	
Nominal Capacity		100Ah at 0.2C	Rated output power (w) 5000	
Energy		5.12KWH	Nominal output current (A) 21.7	
Internal resistance		≤180mΩ at AC1KHz	Nominal output voltage (V) 220/230/240	
Limited charge voltage		58.4V MAX	Nominal output frequency (Hz) 50/60	
Working voltage		44.8~58.4V	Output total distortion < 3%	
Max charging current		100A	Conversion rate	
Discharge Cut-off Voltage		44.8V	Max conversion rate 93.6%	
Standard discharge current		20A	MPPT efficiency 99.9%	
Max discharge current		100A	Protection	
Connection method		16S1P	AC overcurrent protection Yes	
Cell model		3.2V 100Ah	AC short circuit protection Yes	
Housing material		Cold rolled steel plate	AC Overvoltage protection Yes	
Protection level		IP51	Remote shutdown Yes	
Cooling method		Natural cooling	Other data	
Battery dimension		610*440*505±3mm	Inverter dimension 610*440*225MM	
Battery weight		≈79.9kg not include installation components	Gross weight 21.5KG	
Working temp range		Charge: 0℃~45℃ At10%~90%RH Discharge: -20℃~60℃	Packing siz 685*510*330mm	
Storage temp range		15℃~25℃: 9month At50%~60% SOC 0℃~35℃: 6v-20℃~45℃: 1month		

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1.3 Interface Command

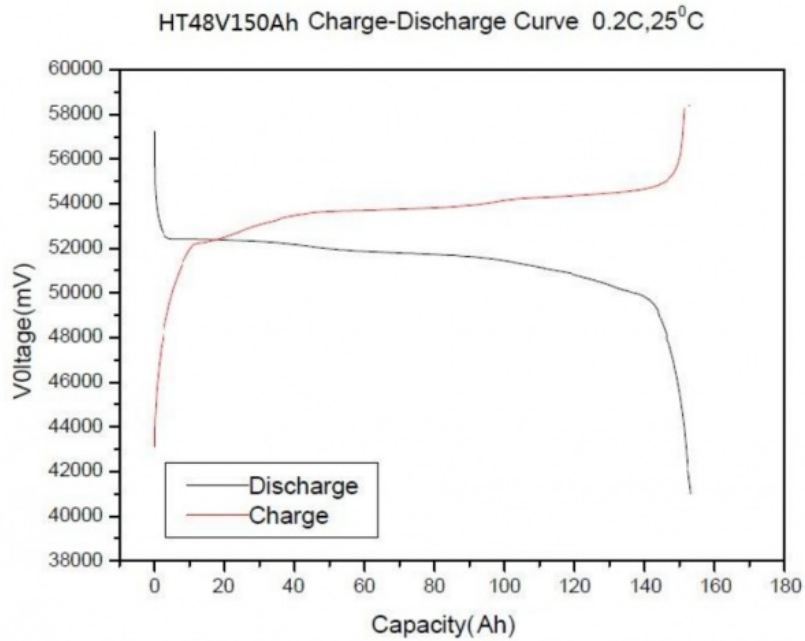
Item	SPEC	Interface	Refer
POSITIVE	100A runs through the fence terminal -2p	M6screw	
NEGATIVE	100A runs through the fence terminal -2p	M6 screw	
485 Communication Interface	DATA+ (A)	RJ45 interface	
	DATA- (B)		
CAN Communication Interface	CAN-H	RJ45 interface	
	CAN-L		
Power	Switch is ON, open discharge	Weaknesses switch	

1、Product introduction

1.4 Interface Definition

Item	Definition
Air Switch	Switch on, battery circuit turns on; Switch off, battery circuit turns off.
SOC	Percentage of remaining power: 25%~50%~75%~100%
ALM	ALM Blinking: Battery alarm; ALM ON: Battery protection
RUN	RUN Blinking: Battery running
CAN	Communication Protocol (RJ45 port) follows CANBUS, used for battery information transmission
RS485	Communication Protocol (RJ45 port) follows RS485, used for battery information transmission
ADD	Before connecting multiple devices in parallel, set the DIP switch address for each battery. The DIP switch address for each battery should be different.
RST	Long pressing a few seconds to restart battery
Power	Switch is ON, open discharge

2、Characteristic Curve



Applications

- Home energy storage systems
- Solar photovoltaic installations
- Backup power solutions
- Commercial energy storage
- Electric vehicle charging stations

Support & Services

Our comprehensive support includes technical assistance for installation, operation, and maintenance. We provide repair services, battery management training, and safety consultations to ensure optimal system performance throughout the product lifecycle.

Packaging & Shipping

Each unit is securely packaged in a white cardboard box with protective plastic tray, shipped on wooden pallets via ground transportation. Shipping costs are calculated based on destination and order size.

Frequently Asked Questions

What is the brand name of the lithium storage batteries?

daxin

What certifications do the batteries have?

CE and UL certifications

What is the minimum order quantity?

10 units

What are the payment terms?

T/T and Western Union



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