

5kW lithium ion battery for home power storage Photovoltaic Energy Storage Batteries

Our Product Introduction

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Basic Information

- Place of Origin: shenzhen
- Brand Name: daxin
- Certification: CE,UL
- Model Number: DX-B-48V150AH~400ah
- Minimum Order Quantity: 10
- Packaging Details: Wooden pallet+cardboard box
- Payment Terms: T/T, Western Union
- Supply Ability: 10000pcs/month



Product Specification

- Product Name: 150AH Lithium Iron Battery/rack
Battery/embedded Battery/energy Storage
Battery/Electricity Storage
- Usage: Rack Installation
- Remark A: Ordinary Temperature 0.2C Discharge After Full Charge
- Cautions: Do Not Immerse The Battery In Water, And Keep The Battery In A Cool Dry Surrounding If It Stands By. Do Not Use Or Leave The Battery At High Temperature As Fire Or Heater. Otherwise, It Can Overheat Or Fire Or Its Performance Will Be Degenerate And Its Ser
- Compatibility: Fits Most Battery Sizes
- Material: Lithium Iron Phosphate



More Images



Product Description

5kW Household Photovoltaic Energy Storage Rack Installation All-In-One Solar Energy Storage Cabinet With Black Finish

Product Description:

Our Battery Energy Storage System comes with a built-in ventilation system, ensuring proper air circulation and preventing overheating, which can cause serious damage to the battery. It is important to note that the battery should not be immersed in water, and should be kept in a cool and dry environment when not in use.

Our 150AH Lithium iron battery/rack battery/embedded battery/energy storage battery/Electricity storage is designed to meet your specific energy storage needs, providing efficient and reliable power for your home. However, it is important to follow the cautions and guidelines provided with the battery, including not leaving it at high temperatures or connecting it to an electrical outlet.

Our Battery Storage Cabinets come in a sleek black color, adding a modern touch to your home energy storage system. Please note that it is important to turn off the switch on the base and use a special lithium charger for optimal performance.

It should be noted that the cell may become over-discharged if not used for a long period of time, and should be charged periodically to maintain its performance. Over-discharging can cause a loss of cell performance and battery functions. It is also important to not disassemble the battery or transport it with metal objects.

Invest in our Battery Storage Cabinets today and experience the convenience and reliability of our top-of-the-line Home Energy Storage Batteries.

Features:

Product Name: Battery Storage Cabinets

Compatibility: Fits Most Battery Sizes

Remark b: Storage capacity should be 40%-50% full charge capacity

Cautions:

Do not immerse the battery in water

Keep the battery in a cool dry surrounding if it stands by

Do not use or leave the battery at high temperature as fire or heater

Do not reverse the position and negative terminals

Do not connect the battery electrodes to an electrical outlet

Do not short circuit

Do not transport or store the battery together with metal objects such as hairpins, necklaces, etc.

Do not use the battery in a location where static electricity and magnetic field is great

Turn off the switch on its base

Please use special lithium charger

It should be noted that the cell would be possible to be at a over-discharged state by its self-discharge characteristics in case the cell is not used for long time

In order to prevent over-discharging, the cell shall be charged periodically to maintain about 54V(Recommended 3 months one cycle)

Do not disassemble battery

Ventilation: Built-in

Color: Black

Keywords: Home Energy Storage Battery, Household Energy Storage Battery, Home Battery Energy Storage System

Technical Parameters:

P r o d u c t N a m e	150AH Lithium iron battery/rack battery/embedded battery/energy storage battery/Electricity storage
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P r o d u c t C a t e g o r y	Battery Storage Cabinets
U s a g e	Rack Installation
M a t e r i a l	Lithium Iron Phosphate
C o l o r	Black
V e n t i l a t i o n	Built-in
I n s t a l l a t i o n	19 Rack
C a u t i o n s	Do not immerse the battery in water, and keep the battery in a cool dry surrounding if it stands by. Do not use or leave the battery at high temperature as fire or heater. Otherwise, it can overheat or fire or its performance will be degenerate and its service life will be decreased. Do not reverse the position and negative terminals. Do not connect the battery electrodes to an electrical outlet. Do not short circuit. Otherwise it will cause serious damage of the battery. Do not transport or store the battery together with metal objects such as hairpins, necklaces, etc. Do not use the battery in a location where static electricity and magnetic field is great, otherwise, the safety devices may be damaged, causing hidden trouble of safety. Turn off the switch on its base. Please use special lithium charger. It should be noted that the cell would be possible to be at a over-discharged state by its self-discharge characteristics in case the cell is not used for long time. In order to prevent over-discharging, the cell shall be charged periodically to maintain about 54V(Recommended 3 months one cycle).Over-discharging may causes loss of cell performance, characteristics, or battery functions. Do not disassemble battery.
R e m a r k a	Ordinary temperature 0.2C discharge after full charge

R e m a r k b	Storage capacity should be 40%~50% full charge capacity
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Energy Storage System Battery, Home Battery Storage System, All-in-one Commercial Energy Storage Cabinet

Applications:

The daxin DX-B-48V150AH battery storage cabinet is designed to fit most battery sizes, making it a versatile option for a variety of applications. Whether you're looking to install a rack of batteries for your home energy storage system, or need a reliable solution for your industrial high voltage battery storage needs, this product has you covered.

With a storage capacity of 40%~50% full charge capacity and the ability to discharge at 0.2C after full charge at ordinary temperatures, the daxin DX-B-48V150AH battery storage cabinet is optimized for maximum efficiency and performance. Plus, with a minimum order quantity of just 10 units and a supply ability of 10,000, you can easily scale your energy storage system as needed.

Order now and take advantage of our competitive pricing of just 1200 USD per unit, with payment terms available through T/T or Western Union. Our packaging details include a wooden pallet and cardboard box, ensuring safe and secure delivery to your location.

Support and Services:

24/7 phone and email support

Remote troubleshooting and diagnostics

On-site technical assistance and repairs

In addition to our technical support services, we also offer:

Product installation and commissioning

Product training and education

Product maintenance and upgrades

Our goal is to ensure that your Battery Storage Cabinets product delivers the best possible performance, and we are committed to providing you with the support and services you need to achieve this.

Packing and Shipping:

Product Packaging:

One Battery Storage Cabinet

Instruction Manual

Keys for Locking the Cabinet

Shipping:

Ships within 2-3 business days

Free Shipping

Tracking Number Provided

FAQ:

Q: What is the brand name of this battery storage cabinet?

A: The brand name of this battery storage cabinet is daxin.

Q: What is the model number of this battery storage cabinet?

A: The model number of this battery storage cabinet is DX-B-48V150AH.

Q: What certifications does this battery storage cabinet have?

A: This battery storage cabinet has CE and UL certifications.

Q: Where is this battery storage cabinet manufactured?

A: This battery storage cabinet is manufactured in shenzhen.

Q: What is the minimum order quantity for this battery storage cabinet?

A: The minimum order quantity for this battery storage cabinet is 10 units.

Q: What is the price of this battery storage cabinet?

A: The price of this battery storage cabinet is 1200 USD.

Q: What are the payment terms for this battery storage cabinet?

A: The payment terms for this battery storage cabinet are T/T and Western Union.

Q: What is the supply ability of this battery storage cabinet?

A: The supply ability of this battery storage cabinet is 10000 units.

Q: What are the packaging details for this battery storage cabinet?

A: The packaging details for this battery storage cabinet are wooden pallet+cardboard box.

U2 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	

1、Product introduction

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	

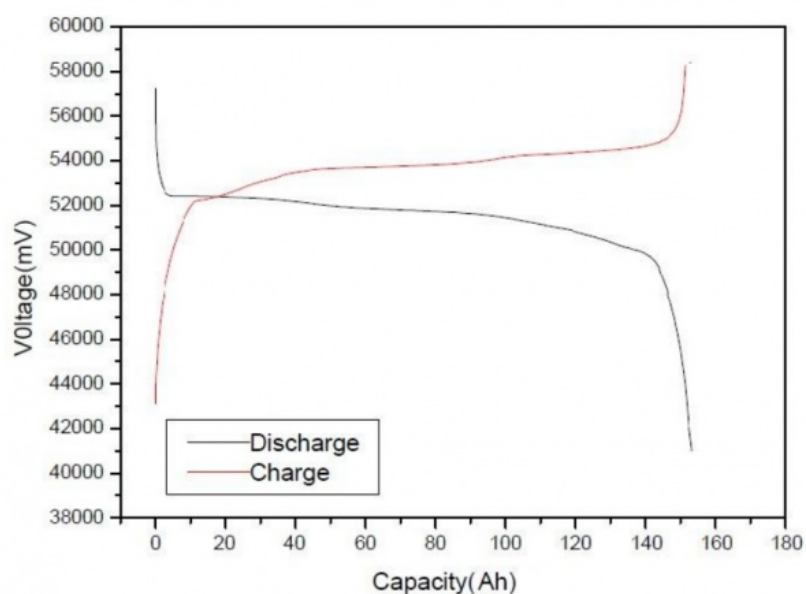
1、Product introduction

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

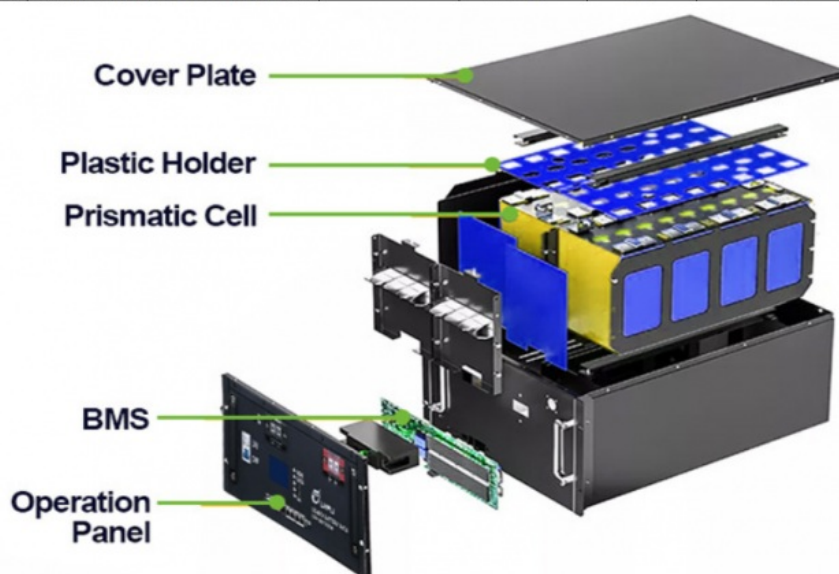
HT48V150Ah Charge-Discharge Curve 0.2C,25°C



3、BMS

BMS Description

NO	Item	MIN	MAX	Type	Unit
1	Operating Voltage	37.5	54.75	/	V
2	Continuous Charging Current	1	75	/	A
3	Continuous Discharging Current	1	100	/	A
4	Discharging Over Current	120	300	/	A
5	Operating Temp	-20	70	/	°C
6	Operating Humidit	10	85	/	%
7	Internal Resistance		<10		mΩ
8	Normal Operating Consumption		<30		mA
9	Static Total Consumption		100	50	uA





Cable harness workshop

- ✓ Dust-free workshop, compliant with 13485 and 16949 industry standards.
- ✓ The entire workflow, including cutting, stripping, crimping, sleeving, baking, assembly, labeling, and powering, is carried out on an assembly line. This ensures timely and complete sets with flexible supply capabilities, meeting various personalized needs.

production line



Packaging and Ware house



