



Lithium Storage Batteries All-in-one Commercial Energy Storage Cabinet for Most Battery Sizes

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

- Remark A: Ordinary Temperature 0.2C Discharge After Full Charge
- Keywords: Home Energy Storage Battery, Household Energy Storage Battery, Home Battery Energy Storage System
- Manufacturer: Shenzhen
- Storage Capacity: 150AH
- Discharge Rate: 0.2C
- Highlight: **150ah lithium storage batteries,**
150ah lithium iron storage battery

for more products please visit us on power-cabinets.com

Product Description

Lithium Storage Batteries All-in-one Commercial Energy Storage Cabinet

High-performance 48V 150AH lithium storage battery system with CE and UL certifications, designed for commercial energy storage applications. Compatible with most battery sizes and ideal for home energy storage systems.

02 Stackable 15KWH energy storage+10KW inverter

Top brand battery, A-grade quality, 6000 cycles. Modular mobile and stacked design, 3 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



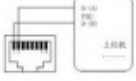




Item	Battery Spec
Nominal voltage	51.2V
Nominal Capacity	300Ah at 0.2C
Energy	15.36KWH
Internal resistance	≤180mΩ at AC1KHz
Limited charge voltage	58.4V MAX
Working voltage	44.8~58.4V
Max charging current	150A
Discharge Cut-off Voltage	44.8V
Standard discharge current	60A
Max discharge current	300A
Connection method	16S3P
Cell model	3.2V 100Ah
Housing material	Cold rolled steel plate
Protection level	IP51
Cooling method	Natural cooling
Battery dimension	610*440*825±3mm
Battery weight	≈181kg not include installation components
Working temp range	Charge: 0℃~45℃ At10%-90%RH Discharge: -20℃~60℃
Storage temp range	15℃~25℃: 9month At50%-60% SOC 0℃: 35℃: 6v -20℃~45℃: 1month

Inverter Spec	
AC output data	
Rated output power (w)	10000
Nominal output current (A)	43
Nominal output voltage (V)	220/230/240
Nominal output frequency (Hz)	50/60
Output total distortion	< 3%
Conversion rate	
Max conversion rate	93.6%
MPPT efficiency	99.9%
Protection	
AC overcurrent protection	Yes
AC short circuit protection	Yes
AC Overvoltage protection	Yes
Remote shutdown	Yes
Other data	
Inverter dimension	610*440*225MM
Gross weight	27KG
Packing siz	685*510*330mm

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	

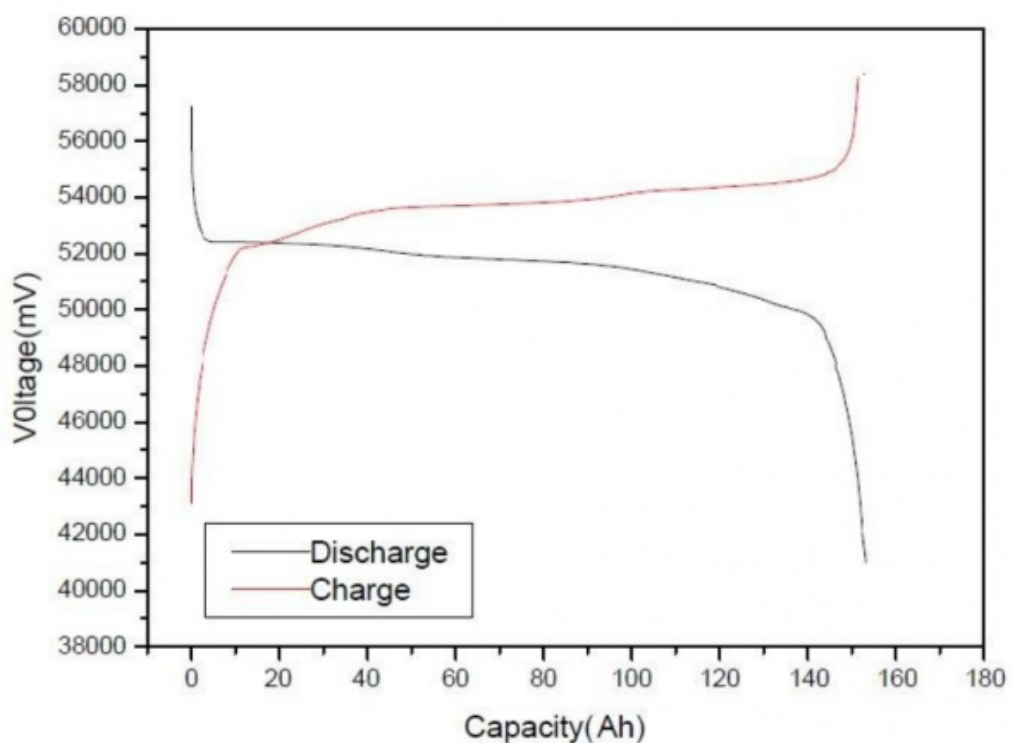
1、Product introduction

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

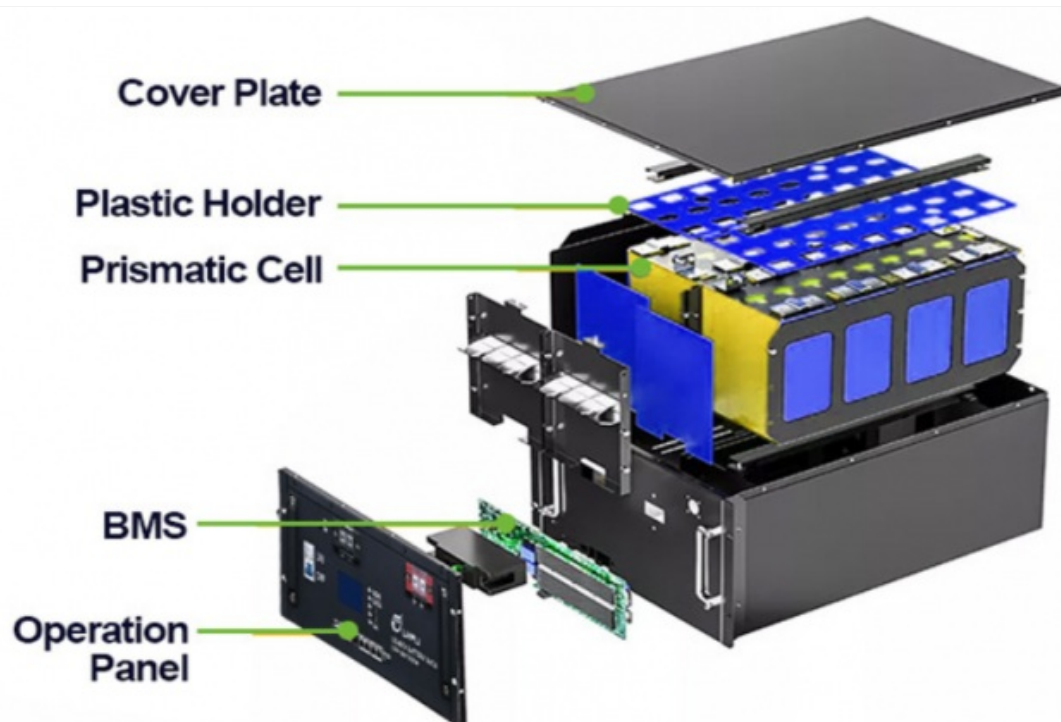
2、Characteristic Curve

HT48V150Ah Charge-Discharge Curve 0.2C,25⁰C



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



Production workshop shooting



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 Warehouse



Key Features

Model: DX-B-48V150AH

Storage Capacity: 150AH

Discharge Rate: 0.2C

Material: Lithium Iron Phosphate (LiFePO₄)

Temperature Range: Ordinary temperature operation

Built-in ventilation system

CE and UL certified for safety

Compatible with most battery sizes

Technical Specifications

Parameter	Description
Product Category	Lithium Storage Batteries
Storage Capacity	150AH
Optimal Storage Level	40%~50% of full charge capacity
Certifications	CE and UL
Compatibility	Fits Most Battery Sizes
Applications	All-in-one Commercial Energy Storage Cabinet
Material	Lithium Iron Phosphate

Applications

Our lithium storage batteries provide reliable energy storage solutions for:

Home energy storage systems

Household battery backup solutions

Solar energy storage

Wind turbine energy storage

Electric vehicle power systems
Commercial energy storage cabinets

Ordering Information

Detail	Information
Minimum Order Quantity	10 units
Price	1200 USD per unit
Payment Terms	T/T and Western Union
Supply Ability	10,000 units
Manufacturer	Shenzhen

Packaging & Shipping

Each lithium storage battery is securely packaged to ensure safe delivery:

- Durable cardboard box with wooden pallet
- Individual bubble wrap or foam protection
- Clear lithium battery labeling
- Domestic shipping only (due to regulations)
- Tracking number provided for all shipments

Support & Services

We provide comprehensive support for our energy storage solutions:

- Technical support for installation and operation
- Battery testing and analysis services
- Custom battery pack design
- Battery management system integration
- Troubleshooting assistance

Frequently Asked Questions

What certifications do the batteries have?

Our lithium storage batteries are CE and UL certified, meeting international safety standards.

What is the optimal storage capacity?

For best performance and longevity, maintain storage at 40%-50% of full charge capacity.

What is the discharge rate?

The batteries have a 0.2C discharge rate, providing stable power output.

Are these batteries suitable for solar storage?

Yes, they are ideal for storing energy from solar panels or wind turbines.



Shenzhen Daxin Intelligent Equipment Technology Co., Ltd



+86 15817363697



lubenzhi@szdxxh.com



power-cabinets.com

Green Base Industrial Park, Longtian Street, Pingshan District, Shenzhen