

## Home Battery Energy Storage System Powered by Lithium Storage Batteries

### 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, Western Union
- Supply Ability: 10000pcs/month



### Product Specification

- Features: Battery Storage Cabinets
- Compatibility: Fits Most Battery Sizes
- Material: Lithium Iron Phosphate
- Product Category: Lithium Storage Batteries
- Remark B: Storage Capacity Should Be 40%~50% Full Charge Capacity
- Color: Black

Our Product Introduction

for more products please visit us on [power-cabinets.com](http://power-cabinets.com)

## Product Description

### Product Description:

Our Lithium Storage Batteries are compatible with most battery sizes, making them a versatile and convenient choice for a range of applications. Whether you need an energy storage solution for your home or business, our Lithium Storage Batteries are the perfect solution.

With a minimum order quantity of 10 units, our Lithium Storage Batteries are available at an affordable price of just 1200 USD per unit. This makes them an affordable and cost-effective choice for anyone looking to invest in energy storage solutions.

Our Lithium Storage Batteries are designed for use in an all-in-one commercial energy storage cabinet, making them a convenient and easy-to-use solution for all your energy storage needs. Whether you need to power your home or business, our Lithium Storage Batteries are the perfect choice.

Overall, our Lithium Storage Batteries are a reliable and efficient choice for anyone looking for an energy storage solution. With a massive storage capacity, compatibility with most battery sizes, and an affordable price, our Lithium Storage Batteries are the perfect choice for your energy storage needs.

### Features:

Product Name: Lithium Storage Batteries

Compatibility: Fits Most Battery Sizes

Product Category: Lithium Storage Batteries

Applications: All-in-one Commercial Energy Storage Cabinet

Usage: Rack Installation

Storage Capacity: 150AH

Keywords: Energy Storage System Battery, All In One Lithium Battery, Electric Bike Lithium Batteries

### Technical Parameters:

Discharge Rate	0.2C
Features	Battery Storage Cabinets
Material	Lithium Iron Phosphate
Manufacturer	Shenzhen
Compatibility	Fits Most Battery Sizes
Payment Terms	T/T and Western Union
Price	1200 USD
Temperature Range	Ordinary Temperature
Product Name	15kW household photovoltaic energy storage Rack Installation All-in-one Solar Energy Storage Cabinet with Black Finish

Keywords: Battery Energy Storage System, Energy Storage Lithium Battery, Battery Energy Storage System

### Applications:

The dacin DX-B-48V150AH Lithium Storage Battery is a highly reliable and efficient Energy Storage Lithium Battery. The product is designed for rack installation and is perfect for various energy storage systems. It is a high-performance battery that can be used in a wide range of applications such as solar power systems, wind power systems, and UPS systems.

With its CE and UL certifications, users can be sure of the quality and reliability of the product. The Lithium Storage Battery is manufactured in Shenzhen, a city known for producing high-quality electronic products. The minimum order quantity for the product is 10 units, and it is priced at 1200 USD. The payment terms accepted are T/T and Western Union, and the supply ability is 10000 units.

The Lithium Storage Battery is packaged in wooden pallets and cardboard boxes to ensure that it is protected during transportation. The product is available in black color, making it suitable for a wide range of applications. The product category for the Lithium Storage Battery is Energy Storage System Battery.

The dacin DX-B-48V150AH Lithium Storage Battery is perfect for use in various scenarios such as electric vehicle lithium batteries, home energy storage systems, and commercial energy storage systems. The battery has a long lifespan and can be recharged many times without losing its efficiency. It is also environmentally friendly and does not emit harmful gases.

Overall, the dacin DX-B-48V150AH Lithium Storage Battery is a reliable and efficient Energy Storage Lithium Battery that can be used in various applications. It is a high-quality product that is manufactured in Shenzhen and has CE and UL certifications. With its high supply ability, users can be sure of getting the product whenever they need it.

### Support and Services:

Our Lithium Storage Batteries come with a comprehensive technical support and service package:

We provide customer support for initial installation and set-up.

Our team of experts is available 24/7 to answer any technical questions or concerns.

We offer regular maintenance services to ensure optimal performance and longevity of the batteries.

In the event of any issues, we provide troubleshooting and repair services.

We also offer training resources and materials for our customers to ensure proper handling and maintenance of the batteries.

## Packing and Shipping:

Product Packaging:

The Lithium Storage Batteries will be packed in a sturdy and durable cardboard box to ensure safe transportation. Each battery will be individually wrapped in bubble wrap to prevent any damage or leakage during shipping.

Shipping:

We offer free standard shipping for all orders of Lithium Storage Batteries. The batteries will be shipped via a reliable courier service and will usually arrive within 5-7 business days. For express shipping, additional charges will apply.

## FAQ:

**FAQ:** What is the Brand Name of this Lithium Storage Battery?

**Answer:** The Brand Name of this Lithium Storage Battery is daxin.

**FAQ:** What is the Model Number of this Lithium Storage Battery?

**Answer:** The Model Number of this Lithium Storage Battery is DX-B-48V150AH.

**FAQ:** What certifications does this Lithium Storage Battery have?

**Answer:** This Lithium Storage Battery has CE and UL certifications.

**FAQ:** Where is this Lithium Storage Battery made?

**Answer:** This Lithium Storage Battery is made in Shenzhen.

**FAQ:** What is the Minimum Order Quantity for this Lithium Storage Battery?

**Answer:** The Minimum Order Quantity for this Lithium Storage Battery is 10 units.

**FAQ:** What is the price of this Lithium Storage Battery?

**Answer:** The price of this Lithium Storage Battery is 1200 USD.

**FAQ:** What are the Payment Terms for purchasing this Lithium Storage Battery?

**Answer:** The Payment Terms for purchasing this Lithium Storage Battery are T/T and Western Union.

**FAQ:** What is the Supply Ability of this Lithium Storage Battery?

**Answer:** The Supply Ability of this Lithium Storage Battery is 10000 units.

**FAQ:** What is the Packaging Detail for this Lithium Storage Battery?

**Answer:** The Packaging Detail for this Lithium Storage Battery is Wooden pallet+cardboard box.

## 02 Stackable 20KWH energy storage+10KW inverter

Top brand battery, A-grade quality, 6000 cycles. Modular mobile and stacked design, 4 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	400Ah at 0.2C	Rated output power (w) 10000
Energy	20.48KWH	Nominal output current (A) 43
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	200A	Conversion rate
Discharge Cut-off Voltage	44.8V	Max conversion rate 93.6%
Standard discharge current	80A	MPPT efficiency 99.9%
Max discharge current	400A	Protection
Connection method	16S4P	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*985±3mm	Inverter dimension 610*440*225MM
Battery weight	≈232.9kg not include installation components	Gross weight 27KG
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	

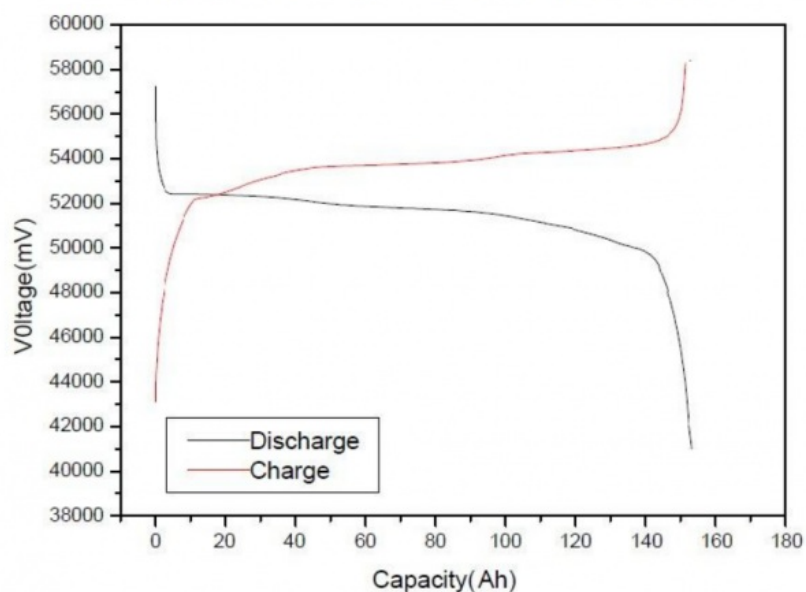
### 1、Product introduction

#### 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

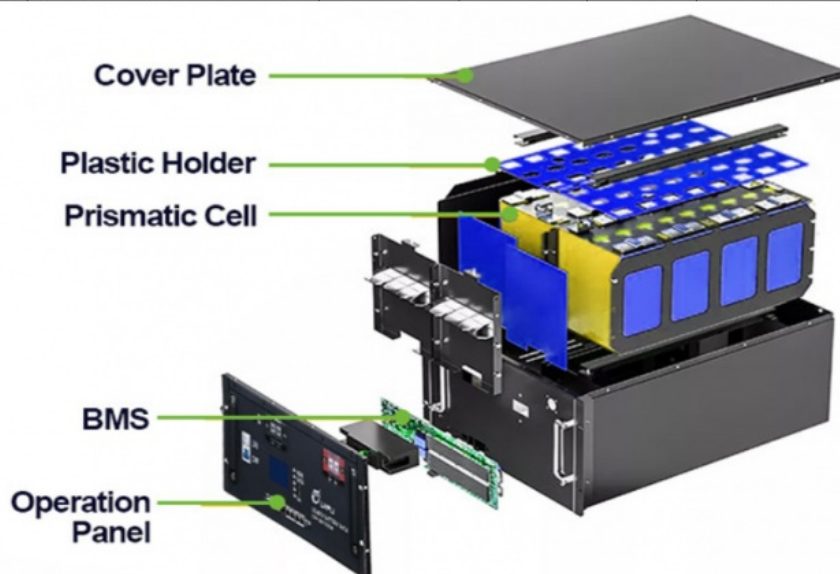
HT48V150Ah Charge-Discharge Curve 0.2C,25°C



## 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



