



10kW Home Lithium Storage Batteries with inverter , Household Energy Storage Battery

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: Home Energy Storage Battery, Household Energy Storage Battery, Home Battery Energy Storage System
- Compatibility: Fits Most Battery Sizes
- Storage Capacity: 150AH
- Usage: Rack Installation
- Color: Black
- Remark B: Storage Capacity Should Be 40%~50% Full Charge Capacity
- Applications: All-in-one Commercial Energy Storage Cabinet
- Highlight: **10kW Home Lithium Storage Batteries, Home Lithium Storage Batteries With Inverter, Household Lithium Storage Batteries With Inverter**

Our Product Introduction

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

Product Description

Household Energy Storage Battery With Lithium Storage Cell Black

Product Description:

Our batteries have a discharge rate of 0.2C, which ensures high energy efficiency and a longer lifespan. These batteries are perfect for use in various applications such as portable electronic devices, remote-controlled toys, medical devices, and much more.

We accept payment through T/T and Western Union, making it easier for you to purchase our batteries. We want to ensure that our customers have a hassle-free experience when buying from us.

Our Lithium Storage Batteries are CE and UL certified, which means that they meet the highest standards of quality and safety. You can trust that our batteries will provide reliable and safe power to your devices.

The batteries come in a sleek black color, which gives them a modern and stylish look. They are also lightweight and compact, making them easy to carry around and store.

Whether you need batteries for your personal devices or for your business equipment, our Lithium Storage Batteries are the perfect choice. They offer a high level of performance and reliability, ensuring that your devices will always have the power they need.

Features:

Product Name: Lithium Storage Batteries

Minimum Order Quantity: 10 units

Payment Terms: T/T and Western Union

Product Category: Lithium Storage Batteries

Compatibility: Fits Most Battery Sizes

Certifications: CE and UL

Features:

Secondary Lithium Ion Battery

Lithium Storage Cell

High Capacity

Long Lifespan

Fast Charging

Lightweight and Portable

Technical Parameters:

| | |
|-------------------|--|
| Product Name | 10kW household photovoltaic energy storage Rack Installation All-in-one Solar Energy Storage Cabinet with Black Finish |
| Usage | Rack Installation |
| Price | 1200 USD |
| Certifications | CE and UL |
| Color | Black |
| Manufacturer | Shenzhen |
| Storage Capacity | 150AH |
| Remark | Storage capacity should be 40%~50% full charge capacity |
| Material | Lithium Iron Phosphate |
| Packaging Details | Wooden pallet+cardboard box |

Applications:

These Lithium Electric Storage Batteries are designed to be used in a variety of different scenarios. They can be used in electric vehicles, such as cars, trucks, and buses, to provide power for the vehicle's electric motor. They can also be used in hybrid electric vehicles, such as hybrid cars, to help power the vehicle's electric motor and recharge the battery while driving. Additionally, these batteries can be used in energy storage systems, such as those used in homes and businesses, to store energy from solar panels or other renewable energy sources.

The Lithium Storage Batteries have a storage capacity of 40%~50% full charge capacity, which allows for optimal performance and long battery life. The batteries are also designed with built-in ventilation, which helps to keep the battery cool and prevent overheating. The batteries are available in black, and are packaged in wooden pallets and cardboard boxes for safe and secure transport.

The daxin Lithium Storage Batteries have a price of 1200 USD per unit, and can be purchased using T/T or Western Union payment terms. The batteries have a supply ability of 10,000 units, ensuring that they are readily available for purchase. Whether you need a reliable power source for your electric vehicle or energy storage system, the daxin Lithium Storage Batteries are an excellent choice.

Support and Services:

Our Lithium Storage Batteries are designed to provide reliable and efficient power storage for a variety of applications. We offer comprehensive technical support and services to ensure optimal performance and longevity of our products. Our team of experts can assist with installation, maintenance, and troubleshooting of our Lithium Storage Batteries. We also offer custom design services to meet specific customer requirements and provide training for proper use and handling of our products. In addition, we offer regular firmware updates to improve functionality and performance of our Lithium Storage Batteries. Our customer service team is available to answer any questions or concerns and provide assistance with warranty claims and repairs.

Packing and Shipping:

Product Packaging:

Each Lithium Storage Battery will be packaged in a sturdy cardboard box.

The box will be labeled with the product name, quantity, and handling instructions.

Inside the box, the battery will be secured with protective foam padding.

Shipping:

All Lithium Storage Batteries will be shipped through a certified carrier.

The carrier will ensure that the batteries are transported in compliance with all safety regulations.

Customers will be provided with tracking information and an estimated delivery date.

FAQ:

Here are the five frequently asked questions and answers for the daxin Lithium Storage Batteries:

Q: What is the model number of the Lithium Storage Batteries that daxin offers?

A: The model number for our Lithium Storage Batteries is DX-B-48V150AH.

Q: What certifications do daxin's Lithium Storage Batteries have?

A: Our Lithium Storage Batteries have CE and UL certifications.

Q: Where are daxin's Lithium Storage Batteries made?

A: Our Lithium Storage Batteries are made in Shenzhen.

Q: What is the minimum order quantity for the Lithium Storage Batteries?

A: The minimum order quantity is 10 units.

Q: What is the price of daxin's Lithium Storage Batteries?

A: The price is \$1200 USD per unit.

Q: What payment terms does daxin accept for the Lithium Storage Batteries?

A: We accept T/T and Western Union.

Q: What is the supply ability for daxin's Lithium Storage Batteries?

A: Our supply ability is 10000 units.

Q: What is the packaging for daxin's Lithium Storage Batteries?

A: Our Lithium Storage Batteries are packaged on wooden pallets and cardboard boxes.

02 Stackable 10KWH energy storage+5KW inverter

Top brand battery, A-grade quality, 6000 cycles. Modular mobile and stacked design, 2 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 | 200Ah at 0.2C | Rated output power (w) 5000 |
| Energy | 10.24KWH | 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 | 40A | MPPT efficiency 99.9% |
| Max discharge current | 100A | Protection |
| Connection method | 16S2P | 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*665±3mm | Inverter dimension 610*440*225MM |
| Battery weight | ≈130.9kg not include installation components | Gross weight 21.5KG |
| Working temp range | Charge: 0C~45°C At10%~90%RH Discharge: -20°C~60°C 15°C~25°C: 9month At50%~60% SOC 0°C 35°C: 6v -20°C~45°C: 1month | 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 | |

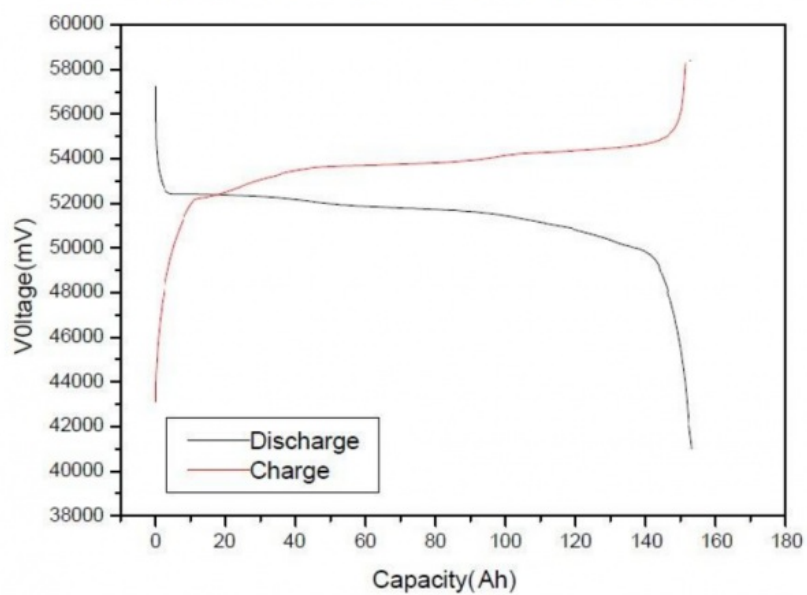
1、Product introduction

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

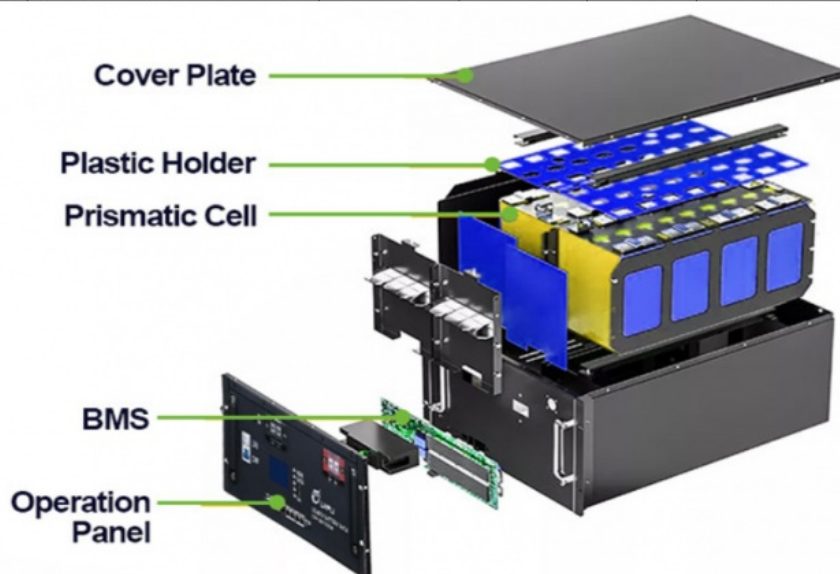
HT48V150Ah Charge-Discharge Curve 0.2C,25°C



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



