



## UPS lead-acid batteries have been converted to lithium batteries, suitable for UPS lithium batteries ranging from

### Our Product Introduction

#### Basic Information

- Place of Origin: shenzhen
- Brand Name: daxin
- Certification: CE,UL
- Model Number: DX-B-48V400AH
- Minimum Order Quantity: 10
- Packaging Details: Wooden pallet+cardboard box
- Payment Terms: T/T,Western Union
- Supply Ability: 10000pcs/month



#### Product Specification

- Product Category: Power Storage Batteries For Homes
- Product Name: 400AH Lithium Iron Battery/rack  
Battery/embedded Battery/energy Storage  
Battery/Electricity Storage
- Material: Lithium Iron Phosphate
- 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
- Installation: 19 Rack
- Color: Black
- Remark B: Storage Capacity Should Be 40%~50% Full  
Charge Capacity
- Highlight: 400Ah Power Storage Batteries,





## Product Description

**UPS lead-acid batteries have been converted to lithium batteries, suitable for UPS lithium batteries ranging from**

### Product Attributes

<b>Product Category</b>	power storage batteries for homes
<b>Product Name</b>	400AH Lithium iron battery/rack battery/embedded battery/energy storage battery/Electricity storage
<b>Material</b>	Lithium Iron Phosphate
<b>Cautions</b>	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.
<b>Compatibility</b>	Fits Most Battery Sizes
<b>Installation</b>	19 Rack
<b>Color</b>	Black
<b>Remark</b>	Storage capacity should be 40%~50% full charge capacity

### Product Description

With built-in ventilation and designed for easy installation in a 19 rack, this energy storage battery is both convenient and safe to use. However, there are some important cautions to keep in mind when using this product.

For optimal performance and safety:

- ⚠ Do not immerse the battery in water
- ⚠ Keep in a cool, dry environment when not in use
- ⚠ Do not expose to high temperatures
- ⚠ Do not reverse position and negative terminals
- ⚠ Use only with special lithium charger
- ⚠ Turn off the switch on its base when not in use

With proper care and use, this home battery energy storage system can provide reliable power for your household needs. Periodic charging is recommended to maintain performance and prevent over-discharging.

### Key Features



- **Product Name:** Battery Storage Cabinets
- **Installation:** 19 Rack
- **Compatibility:** Fits Most Battery Sizes
- **Material:** Lithium Iron Phosphate
- **Storage Capacity:** 40%~50% full charge capacity recommended

Technical Parameters

Usage	Rack Installation
Color	Black
Ventilation	Built-in
Discharge	Ordinary temperature 0.2C discharge after full charge

Applications

Ideal for homeowners investing in renewable energy, this battery storage solution is designed to store energy from solar panels and wind turbines. Easy to install and configure to specific energy needs, it allows storage of excess energy generated during the day for use at night.

Also suitable for commercial applications, providing energy storage for businesses during peak hours.

Support and Services

Our comprehensive support includes:

- Installation guidance and support
- System configuration and optimization
- Regular maintenance and monitoring
- Troubleshooting assistance
- Warranty and repair services

Packing and Shipping

**Packaging:** Securely packaged in sturdy cardboard box with protective foam, including all necessary hardware and instructions.

**Shipping:** Via ground shipping with tracking number provided. Shipping times vary by destination.

Frequently Asked Questions

What certifications does the battery storage cabinet have?

| CE and UL certified

Where is the battery storage cabinet made?

| Shenzhen, China

What is the minimum order quantity?

| 10 units

What are the payment terms?

| T/T and Western Union

Product Images



# 48V400AH

19200Wh



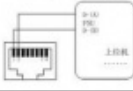


LiFePO4 Battery



Rated Capacity	400AH
Rated Voltage	DC48
Rated Energy	14400wh
Operating Voltage	37.5V ~ 54.75V 2.8V ~ 3.65V
Max. Charge Current	100A
Max. Discharge Current	200A
Peak Current	600A ( 1s ) instantaneous current
Ip Grade	IP60
Discharge Temp	-10℃ ~ 55℃
Charge Temp	0℃ ~ 55℃
Dimension	L760*W480*H265(mm)
Weight	115Kg
Internal Resistance	≤30m Ω
Cycle Life	6000
Communication	CAN/RS485

## 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	



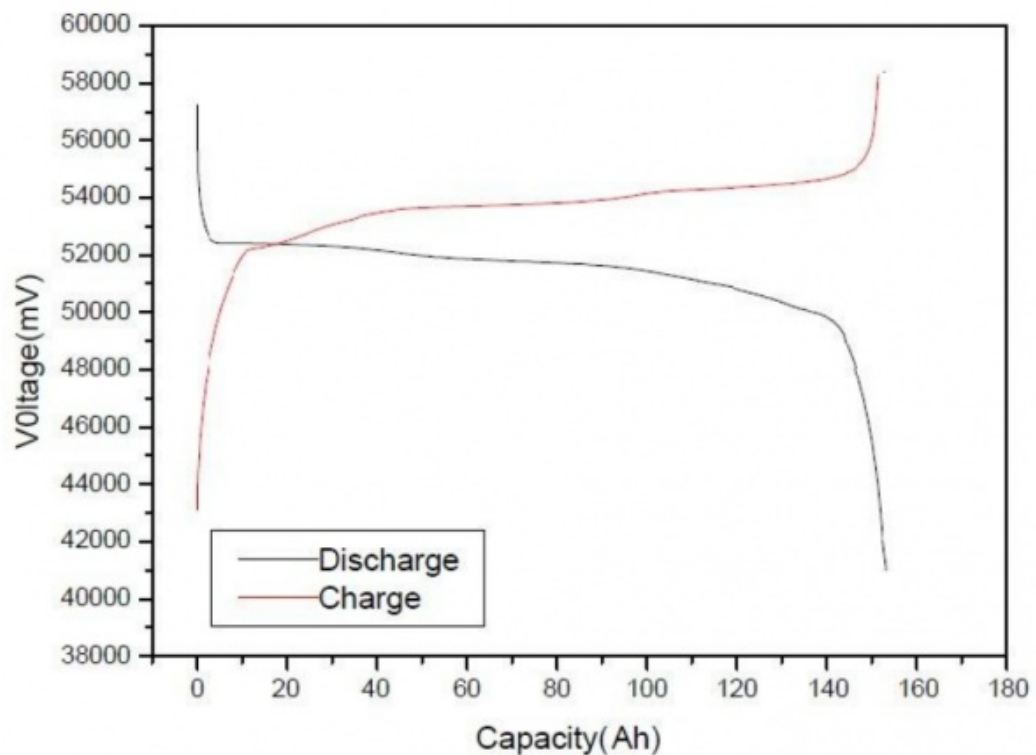
## 1、Product introduction

### 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

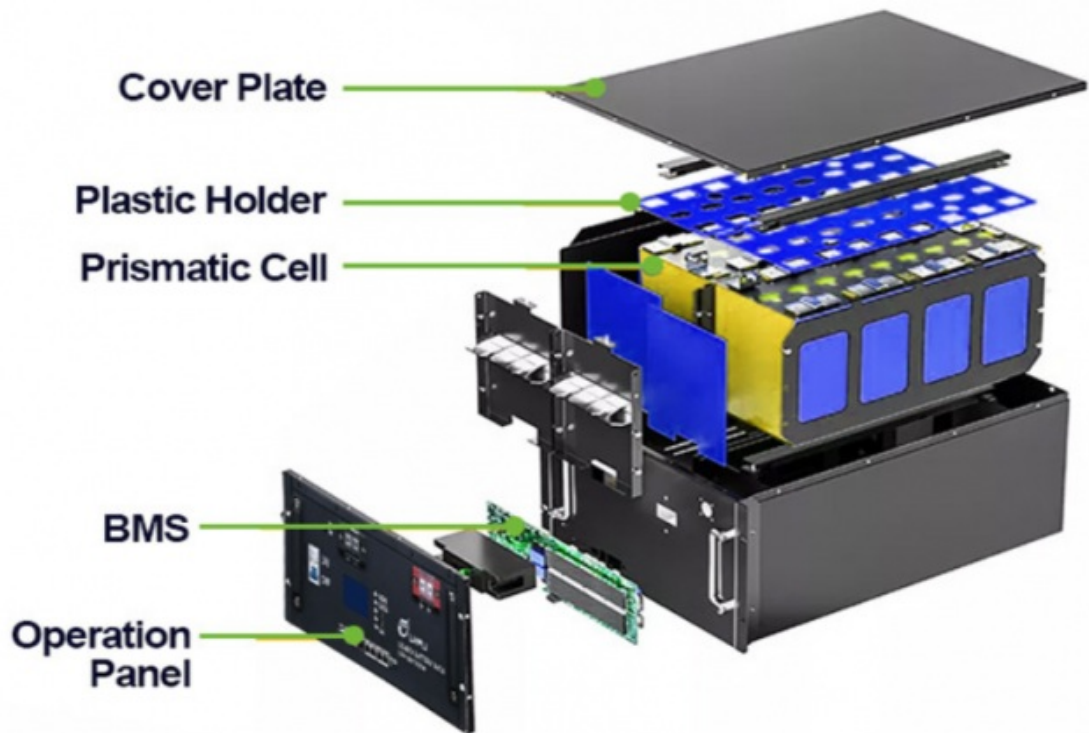




### 3、BMS

#### 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





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



Shenzhen Daxin Intelligent  
Equipment Technology Co., Ltd

**Shenzhen Daxin Intelligent Equipment Technology Co., Ltd**



+86 15817363697



lubenzhi@sdxzh.com



power-cabinets.com

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