



## 48V 100Ah Lithium Lifepo4 Storage Battery Pack Embedded Energy Storage Battery

Our Product Introduction

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

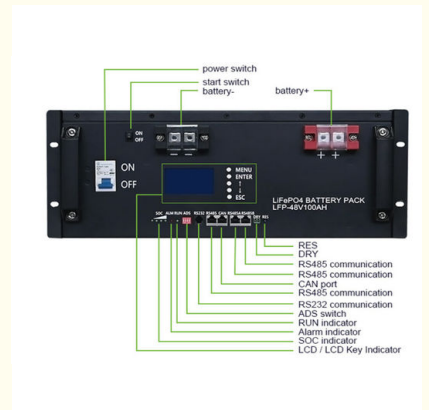
### Basic Information

- 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

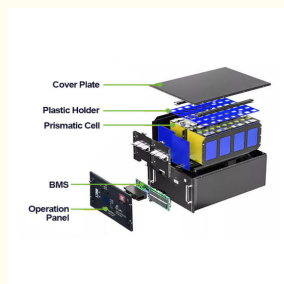


### Product Specification

- Usage: Rack Installation
- Compatibility: Fits Most Battery Sizes
- Ventilation: Built-in
- Installation: 19 Rack
- Color: Black
- Material: Lithium Iron Phosphate
- Highlight: **48V 100Ah Lifepo4 Storage Battery Pack, Lifepo4 Embedded Energy Storage Battery, OEM Embedded Lifepo4 Storage Battery**



### More Images





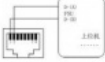


## Product Description

### 1.1 Specifications

NO	Item	SPEC	Remark
1	Rated Capacity	150AH	
2	Rated Voltage	DC48	
3	Rated Energy	7200wh	
4	Operating Voltage	37.5V~54.75V	2.8V~3.65V
5	Max. Charge Current	75A	
6	Max. Discharge Current	100A	
7	Peak Current	300A	
8	Ip Grade	IP20	
9	Discharge Temp	-10°C~55°C	
10	Charge Temp	0°C~55°C	
11	Dimension	L760*W480*H175(mm)	
12	Weight	60Kg	
13	Internal Resistance	≤30mΩ	
14	Cycle Life	6000	25°C
15	Communication	CAN/RS485	
16	Model	48v150AH	

#### 1、Product introduction

##### 1.3 Interface Command

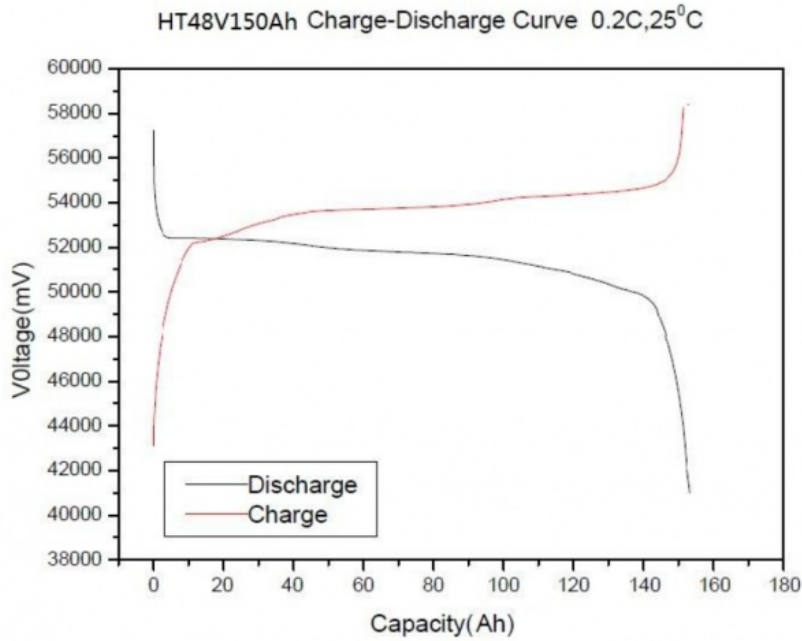
Item	SPEC	Interface	Refer
POSITIVE	100A runs through the fence terminal -2p	M6screw	
NEGATIVE	100A runs through the fence terminal -2p	M6 screw	
485 Communication Interface	DATA+ (A)	RJ45 interface	
	DATA- (B)		
CAN Communication Interface	CAN-H	RJ45 interface	
	CAN-L		
Power	Switch is ON, open discharge	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



## 3、BMS

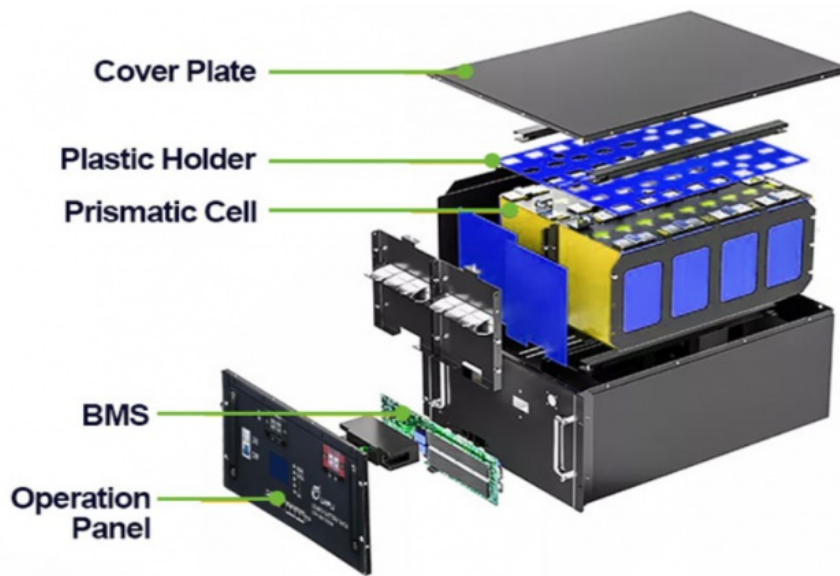
### BMS Description

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

## 4,Cautions

- (1) Do not immerse the battery in water, and keep the battery in a cool dry surrounding if it stands by.
- (2) 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.
- (3) Do not reverse the position and negative terminals.
- (4) Do not connect the battery electrodes to an electrical outlet.
- (5) Do not short circuit. Otherwise it will cause serious damage of the battery.
- (6) Do not transport or store the battery together with metal objects such as hairpins, necklaces, etc.
- (7) 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.
- (8) Please use special lithium charger.

(9)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.(10)Do not disassemble battery.



R

Remark

- a, 0.2C . [Ordinary temperature 0.2C discharge after full charge]
- b, 40%~50%[Storage capacity should be 40%~50% full charge capacity ]



Production workshop shooting



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



+86 15817363697



lubenzhi@szdxzh.com



power-cabinets.com

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