



High Density Lithium Ion Solar Battery 48V 100Ah 510mm X 380mm X 170mm

Our Product Introduction

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Basic Information

- Place of Origin: Changsha, China
- Brand Name: HYZZ
- Certification: ISO9001, CE, CB, UN38.3
- Packaging Details: foam, wooden box / foam, carton, tray
- Delivery Time: 22 days
- Payment Terms: L/C, T/T
- Supply Ability: 10,000 PCS per month



Product Specification

- Name: Lithium Ion Solar Battery
- Model: 48V 100AH
- L X W X H: 510mm*380mm*170mm
- Application: Wall-mounted Household Energy Storage Lithium Battery
- Internal Resistance: $\leq 100\text{m}\Omega$
- Peak Current: $200 \pm 5 \text{ 2S}$
- Highlight: **solar system batteries,
lithium solar replacement batteries**

Product Description

High Density lithium ion solar battery 48V 100Ah 510mm X 380mm X 170mm

Model: 48V 100AH

Dimension:510mm*380mm*170mm

Parameter:

working environment:-20 -60 ;battery: Lithium iron phosphate battery 16S;Charge cutoff voltage:57.6V;Discharge cutoff voltage:38.4V;
Continuous 100A discharge; 50A Charging;

Application:Wall-mounted household energy storage lithium battery

Battery Warranty:

The period of warranty is one year from the date of shipment.

We guarantee to give a replacement in case of cells with defects proven due to manufacturing process instead of the customer abuse and misuse.

Our services:

1. Your enquiry will be replied in 8 working hours.
2. Professional engineers & Exclusive and unique battery solution
3. Good sales: From beginning to end,any quality problem with our products,new free one will be replaced.
4. Good quality assurance:All the cells are A grade cells,100% quality check and full one year warranty.

		Number	HY00082
		Version	A0
	HYLF/48/100-001 Battery pack specification	Date	2019-5-7
1 Basic characteristics		Product picture	
Product name	Wall-mounted household energy storage lithium battery	Batteries:3.2V100AHBattery: lithium iron phosphate battery 3.2V100AH	
product code	HYLF/48/100-001		
L x W x H	505mm*360mm*170mm		
Rated voltage	48VSeries structure		
Rated Capacity	100Ah		
Serialization	16S		
Internal resistance	≤100mΩ		
Discharge cutoff voltage	38.4V	Shell color <input type="checkbox"/> Sub black <input type="checkbox"/> Bright gray <input type="checkbox"/> +Fruit green + bright gray two-color <input checked="" type="checkbox"/> White+ black <input type="checkbox"/> Blue thermoplastic film Charging and discharging interface <input checked="" type="checkbox"/> Wall terminal <input type="checkbox"/> Anderson <input type="checkbox"/> Navigation plug <input type="checkbox"/> Positive and negative lines <input type="checkbox"/> Pole <input type="checkbox"/> Hardware contact	
Charging protection voltage	57.6V		
Max.charging voltage	58.4V		
Max. charging current	50A		
Maximum discharge current	100A		
Peak current	200±5 2S		
Rated discharge current	50A		
Charging method	CC/CV		
weight	50Kg		
Operating temperature	Charging	0 45	
	Discharge	-20 55	

60-80%SOC , 2 Storage temperature 60-80% SOC storage, need to recharge every 2 months	-10 35
C1 Cycle life Cycle life	1500 Times
price	RMB:¥ 00.00
Delivery period	25 Working day

Precautions:

- The battery should be charged before use;
- Charging method according to our technical specifications;
- use the appropriate charger to charge;
- The battery should be sealed and should be provided with a corresponding ventilation device. Otherwise, the battery may accumulate a safety hazard and cause an explosion in the event of a fire source.
- Do not attempt to separate or withstand the battery pack and may cause the battery to heat, flush, spill alkaline electrolyte that will damage the skin and eyes and corrode the clothes;
- Keep the battery away from the child and, if swallowed, contact the doctor immediately;
- When the battery is not in use, it should be removed from the device to prevent the device load from the power consumption is too large and cause the battery pack for a long time static discharge;
- When the first use of new batteries or long-term storage after use, need to be fully charged before use;
- Do not touch when the battery is hot until it cools down;
- When the battery is used, it should be turned off when the energy is reduced to avoid overdischarge;
- When you pull out the battery pack, you should hold the battery terminal and not hold it;
- After the battery is used, if the battery is hot, it can be cooled before it is recharged.

Storage:

- To ensure that the battery maintains the capacity level, it is recommended that the battery and battery pack be stored at -20 to 35 ° C, low humidity, non-corrosive gas;
- The battery should be stored at high temperature or higher humidity, otherwise it will cause the battery to leak, rust, and low capacity;
- Long-term storage may result in reduced battery and battery capacity and up to 1-3 charge / discharge cycles to achieve maximum discharge capacity;
- After three months of battery storage, you need to cycle and charge once and charge to more than 80% of the standard capacity.



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