



High Capacity Solar Battery 48V 100AH , Lithium Solar Replacement Batteries

Our Product Introduction

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

- Features: Safety
- Name: Rechargeable Li Ion Battery
- Model: 48V 100AH
- L X W X H: 510mm*380mm*170mm
- Internal Resistance: $\leq 100\text{m}\Omega$
- Application: Household Energy Storage Lithium Battery
- Highlight: **solar system batteries,**
lithium solar replacement batteries

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Product Description

High Capacity Solar Battery 48V 100AH , Lithium Solar Replacement Batteries

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

Features& Advantage:

1. Safety: scooter battery, built-in BMS, none fire, none explosive
2. Clean and Green energy, no toxic material contained
3. Powerful: 3C discharge Rate Cell, 30A BMS
4. Long life cycle, after 500 cycles, residual capacity is over 80% of its original
5. No memory effect,highly efficient charge anytime
6. Wide Operation temperature: -10~55°C
7. Small size and light weight
8. Low self-discharge rate: < 3% monthly
9. With single package, clear warning mark, logo. colorful printed instruction Manual

		Number	HY00082
		Version	A0
	HYLF/48/100-001	Date	2019-5-7
	Battery pack specification		
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		
Charging protection voltage	57.6V	<input type="checkbox"/> Sub black	
Max.charging voltage	58.4V	<input type="checkbox"/> Bright gray	
Max. charging current	50A	<input type="checkbox"/> +Fruit green + bright gray two-color	
Maximum discharge current	100A	<input checked="" type="checkbox"/> White+ black	
Peak current	200±5 2S	<input type="checkbox"/> Blue thermoplastic film	
Rated discharge current	50A	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 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	1500 Times
Cycle life	
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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