High Density Solar Rechargeable Lithium Batteries 48V 100AH Long Cycle Life

Our Product Introduction

Basic Information

- Place of Origin: Changsha, China
- Brand Name: HYZZ
- Certification: ISO9001, CE, CB, UN38.3
- Model Number: HY00082
- 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: Rechargeable Li Ion Battery
- Model: 48V 100AH
- L X W X H: 510mm*380mm*170mm
- Application: Wall-mounted Household Energy Storage Lithium Battery
- Operating Temperature Charging: 0 45
- Discharge: -20 55
- Highlight: **solar system batteries**, **lithium solar replacement batteries**

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Product Description

High Density Solar Rechargeable Lithium Batteries 48V 100AH Long Cycle Life

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
1. Energy Storage
-- Solar-Wind Power System / City Grid (On/Off) / Community and Family
2. Back-up System and UPS
-- Telcom Base / CATV system / Computer Server Center / Medical Instrumnt / Military Equipment
3. Other Applications
-- Security and Electronics / Mobile POS, Mining Lihgt / Torch / LED Light / Emergency Light
-- RV Motorhome /Golf Carts Battery / Boat Marine Yachts / Electric Skateboard
-- LED Backup / Engine Starting Battery,etc.

Advantage
1. environmental friendly resources
2. High density of energy
3. poor self-discharge
4. low internal resistance
5. Longer cycle life
6. Zero memory effect

<table>
<tr><td rowspan="2"></td><td></td><td>Number</td><td>HY00082</td></tr>
<tr><td></td><td>Version</td><td>A0</td></tr>
<tr><td colspan="2">HYLF/48/100-001
Battery pack specification</td><td>Date</td><td>2019-5-7</td></tr>
<tr><td colspan="2">1 Basic characteristics</td><td colspan="2">Product picture</td></tr>
<tr><td>Product name</td><td>Wall-mounted household energy storage lithium battery</td><td colspan="2" rowspan="7">Batteries:3.2V100AHBattery: lithium iron phosphate battery 3.2V100AH</td></tr>
<tr><td>product code</td><td>HYLF/48/100-001</td></tr>
<tr><td>L x W x H</td><td>505mm*360mm*170mm</td></tr>
<tr><td>Rated voltage</td><td>48VSeries structure</td></tr>
<tr><td>Rated Capacity</td><td>100Ah</td></tr>
<tr><td>Serialization</td><td>16S</td></tr>
<tr><td>Internal resistance</td><td>≤100mΩ</td></tr>
<tr><td>Discharge cutoff voltage</td><td>38.4V</td><td colspan="2" rowspan="8">Shell color
□ Sub black
□ Bright gray
□ +Fruit green + bright gray two-color
☑ White+ black
□ Blue thermoplastic film
Charging and discharging interface
☑ Wall terminal
□ Anderson
□ Navigation plug
□ Positive and negative lines
□ Pole
□ Hardware contact</td></tr>
<tr><td>Charging protection voltage</td><td>57.6V</td></tr>
<tr><td>Max.charging voltage</td><td>58.4V</td></tr>
<tr><td>Max. charging current</td><td>50A</td></tr>
<tr><td>Maximum discharge current</td><td>100A</td></tr>
<tr><td>Peak current</td><td>200±5 2S</td></tr>
<tr><td>Rated discharge current</td><td>50A</td></tr>
<tr><td>Charging method</td><td>CC/CV</td></tr>
<tr><td>weight</td><td>50Kg</td><td colspan="2"></td></tr>
</table>

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	

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