



Safety LifePO4 Lithium Battery Lithium Iron Phosphate Rechargeable Battery

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: High Power Lithium Ion Battery
- Model: 12V 200AH
- L X W X H: 210mm*190mm*180mm
- Working Temperature: -20°C ~ 60°C
- Maximum Discharge Current: 80A
- Shell Color: Sub Black
- Highlight: lithium iron phosphate battery,
lithium ion lifepo4

Product Description

Safety LifePO4 Lithium Battery Lithium Iron Phosphate Rechargeable Battery

Model: 12V 200AH

Dimension: 210mm*190mm*180mm

Parameter:

working environment:-20 -60 ;Lithium iron phosphate battery:2P4S

Charge cutoff voltage:14.4V;Discharge cutoff voltage:9.6V; working current:80A; charge current:40A; plastic shell

Application: Electric car, electric wheelchair, power

Basic Performance

- (1) Output with high magnification: Standard discharge current is 0.5C-1.0C, instant impulse discharge current is 10C for 2 seconds.
- (2) Good performance under high temperature, it could work under 65°C temperature.The battery structure is safe and good.
- (3) Good performance under low temperature, discharge capacity in no less than 90% of rated capacity when discharging with 1C under -20°C; no less than 70% of rated capacity with 0.33C.
- (4) Good safety performance:When the pressure inside the battery is too large, the one-way safety valve will release gas and heat to make sure battery perform well. When the internal pressure reaches a certain level, the valve will be open immediately which can protect the battery from burning and explosion.
- (5) Good cycle life time, the discharge capacity is still over 80% after 3000 cycle times of single cell (80%DOD).
- (6) It can fast charging. It could be charged to 80% within 0.5h and charged full with 1h.
- (7) Low cost.
- (8) No pollution during manufacture and usage.

Matters Needing Attention

- (1) Please check if spare parts are completed when open the package and read the operation manual carefully.
- (2) Do not make the battery Short Circuit,do not over charge and discharge.
- (3) Please charge the new battery to full capacity before discharge for the first use.
- (4) The battery pack is fixed with plate and strip before delivery, do not disassemble the plate and strip when using the battery.
- (5) Checking the voltage of battery, normally it is 3.2V-3.3V.
- (6) Fix BMS for battery pack and protect single cell to avoid over charge and over-discharge.
- (7) Rivet or screw is used for battery connector.
- (8) Please use copper part to connect battery packs and fix with hydraulic pressure plier. We could also provide the relevant connection which fixed with screws.
- (9) The charger used should be approved by our company in order to match with our lithium batteries.
- (10) It will shorten battery cycle lifetime and damage battery due to overcharge and over-discharge if not do according to the above. It won't be within our company warranty.

		Number	HY00073
		Version	A0
	HYLF/12/200-001 Battery pack specification	Date	2019-5-7
1 Basic characteristics		Product picture	
Product name	Industrial lithium battery	Batteries:3.2V100AHLithium iron phosphate aluminum shell 3.2V100AH	
product code	HYLF/12/200-001		
L x W x H	521mm*238mm*218mm	Shell material: epoxy resin board packaging, optional sheet metal, plastic shell, aluminum alloy, etc.	
Rated voltage	48VSeries structure		
Rated Capacity	200Ah		
Serialization	2P4S		
Internal resistance	≤100mΩ	.In the above figure, the battery case is a lead- acid plastic case.	
Discharge cutoff voltage	9.6V	Shell color <input checked="" type="checkbox"/> Sub black <input type="checkbox"/> Bright gray <input type="checkbox"/> +Fruit green + bright gray two-color <input type="checkbox"/> White <input type="checkbox"/> Blue thermoplastic film Charging and discharging interface <input type="checkbox"/> Wall terminal <input type="checkbox"/> Anderson	
Charging protection voltage	14.4V		
Max.charging voltage	14.6V		
Max. charging current	40A		
Maximum discharge current	80A		
Peak current	150±5A 2S		

Rated discharge current	60A	<input type="checkbox"/> Navigation plug <input type="checkbox"/> Positive and negative lines <input checked="" type="checkbox"/> Pole <input type="checkbox"/> Hardware contact
Charging method	CC/CV	
weight	27.3Kg	
Operating temperature	Charging	
	Discharge	
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	



Hunan Pinsheng Energy Technology Co., LTD.



15616151876



info@pinshengenergy.com



rechargeable-liionbattery.com

NO. 259, Lixiang East Road, Xiangfeng Technology Industry Park, Changsha City, Hunan, China.