



High Performance Lithium Ion Storage Battery 12 Volt 200Ah Lighter Weight

Our Product Introduction

Basic Information

- Place of Origin: Changsha, China
- Brand Name: HYZZ
- Certification: ISO9001, CE, CB, UN38.3
- Model Number: HY00033
- 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: Energy Storage Lithium Battery
- Model: 12V
- L X W X H: 360mmX240mmX150mm
- Working Temperature: -20°C ~ 60°C
- Advantage: Lighter Weight
- Applications: Golf Trolleys & Buggies
- Highlight: **lithium ion storage battery ,
solar rechargeable lithium batteries**

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Product Description

High Performance Lithium Ion Storage Battery 12 Volt 200Ah Lighter Weight

Model: 12V200Ah

Specification L x W x H: 360mm*240mm*150mm

Parameters: working temperature -20°C ~ 60°C, lithium iron phosphate, charge cut-off voltage 14.6V, discharge cut-off voltage 10V, working current 100A, charging current 40A, lithium iron phosphate, soft switch, display, communication RS485, battery has Low-power far-infrared heating film, cycle life 1500 times

Key Features :

- ◆ Longer Cycle Life : Offers up to 20 times longer cycle life and five times longer float/calendar life than lead acid battery , helping to minimize replacement cost and reduce total cost of ownership
- ◆ Lighter Weight : About 40% of the weight of a comparable lead acid battery . A " drop in" replacement for lead acid batteries
- ◆ Higher Power : Delivers twice power of lead acid battery ,even high discharge rate, while maintaining high energy capacity
- ◆ Wider Temperature Range : -20 ~60
- ◆ Superior Safety: Lithium Iron Phosphate chemistry eliminates the risk of explosion or combustion due to high impact overcharging or short circuit situation

Applications :

- ◆ Wheelchairs and scooters
- ◆ Solar/wind energy storage
- ◆ Back-up power for small UPS
- ◆ Golf trolleys & buggies
- ◆ Electric bikes

Key advantages

High energy density: more energy with less weight and footprint.

High charge currents (short charge period)

High discharge currents

Ultra-high cycling performance (up to six times the battery life of a conventional battery)


High efficiency between charging and discharging

Higher continual power available

Wide operating temperature

Predictable end of life due BMS controller

The lowest possible TCO

		Number	HY00033
		Version	A0
HYLF/12/200-001		Date	2019-5-8
Battery pack specification			
1 Basic characteristics		Product picture	
Product name	Lithium battery pack		
product code	HYLF/12/200-001		
L x W x H	360mm*240mm*150mm		
Rated voltage	12.8V		
Rated Capacity	200AH		
Serialization	2P4SAluminum shell		
Internal resistance	≤120mΩ	<div>Shell color</div> <div><input checked="" type="checkbox"/> Matt black</div> <div><input type="checkbox"/> Bright gray</div> <div><input type="checkbox"/> Fruit green + bright gray (two colors)</div> <div><input type="checkbox"/> Stainless steel</div> <div>Charging and discharging interface</div> <div><input type="checkbox"/> Wall terminal</div> <div><input type="checkbox"/> Anderson</div>	
Discharge cutoff voltage	10.0V		
Charging protection voltage	14.4V		
Max.charging voltage	14.6V		
Max. charging current	40A		
Max. sustained discharge current	100A		
Peak current	160±3A 2S		

Rated discharge current	50A	<input checked="" type="checkbox"/> Air plug <input type="checkbox"/> Positive and negative lines <input type="checkbox"/> Terminal post RS485RS485 communication The battery has low power consumption, far infrared heating film, low temperature heating function and temperature control strategy Batteries:3.2v/100A
Charging method	CC/CV	Cell discharge performance
weight	26.5Kg	
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	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.