



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

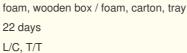
# **Basic Information**

- Place of Origin:
- Changsha, China

HYZZ

HY00033

- Brand Name:
- Certification: ISO9001, CE, CB, UN38.3
- Model Number:
- Packaging Details:
- Delivery Time:
- Payment Terms:
- Supply Ability:



10,000 PCS per month



# **Product Specification**

- Name:
- Model:
- LXWXH:
- Working Temperature:
- Advantage:
- Applications:
- Highlight:

- Energy Storage Lithium Battery
- 12V
- 360mmX240mmX150mm
- ature: -20°C ~ 60°C
- intage:
  - Lighter Weight Golf Trolleys & Buggies
  - lithium ion storage battery, solar rechargeable lithium batteries

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## 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 eleminates 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 effciency between charging and discharging

Higher continual power available

Wide operating temperature

Predictable end of life due BMS controller

The loweat possible TCO

		Number	HY00033
		Version	A0
	HYLF/12/200-001	D. I.	
	Battery pack specification	Date	2019-5-8
1 Basic characteristics		Product	picture
Product name	Lithium battery pack	1	
product code	HYLF/12/200-001	1	
LxWxH	360mm*240mm*150mm		
Rated voltage	12.8V		
Rated Capacity	200AH		
Serialization	2P4SAluminum shell		-
Internal resistance	≤120mΩ		
Discharge cutoff voltage	10.0V		
Charging protection voltage	14.4V	Shell col	lor
Max.charging voltage	14.6V	☑ Matt bl	lack
Max. charging current	40A	□ Bright	
Max. sustained discharge current	100A	, v	reen + bright gray (two colors)
Peak current	160±3A 2S	1	
		Charging UWall te Anders	

Rated discharge current	50A		<ul> <li>Air plug</li> <li>Positive and negative lines</li> <li>Terminal post</li> <li>RS485RS485 communication</li> <li>The battery has low power consumption, far infrared heating film, low temperature heating function and temperature control strategy</li> <li>Batteries:3.2v/100A</li> </ul>	
Charging method	CC/CV 26.5Kg			
weight				
Operating temperature	Charging	0 45		
	Discharge	-20 45		
60-80%SOC, 2 Storage temperature 60-80% SOC storage, need to recharge every 2 months	-10 35		Cell discharge performance	
C1 Cycle life	1500 Times			
price	RMB:¥ 00.00			
Delivery period	25 Working day			

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