



## Lithium 12v Automotive Battery Lighter Weight High Voltage Rechargeable 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: Lighter Weight
- Name: Rechargeable Li Ion Battery
- Model: 12V 500AH
- L X W X H: 480mm\*311.5mm\*282.5mm
- Working Temperature: -20°C ~ 60°C
- Charging: 50A
- Highlight: lithium ion car battery,  
lightweight automotive battery

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## Product Description

### Lithium 12v Automotive Battery Lighter Weight High Voltage Rechargeable Batteries

**Model: 12V 500AH**

Dimension: 480mm\*311.5mm\*282.5mm;

Parameter:

working environment:-20 ~60 ;Lithium iron phosphate battery 4S;Charge cutoff voltage:14.4V;Discharge cutoff voltage:9.6V;

Continuous 240A discharge;50A Charging; Wall terminal with protective cover and LCD display

**Application:**

flashlight ,power tools, electric screw driver,drill, wrench, etc.

**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

		Number	HY00078
		Version	A0
	<b>HYLF/12/500-001</b>	Date	2019-5-7
	Battery pack specification		
<b>1 Basic characteristics</b>		Product picture	
Product name	Industrial lithium battery	Batteries:3.2V100AHLithium iron phosphate battery 3.2V100AH	
product code	HYLF/12/500-001		
L x W x H	480mm*311.5mm*282.5mm		
Rated voltage	12.8VSeries structure		
Rated Capacity	500Ah		
Serialization	4S		
Internal resistance	≤100mΩ	Shell color <input 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	
Discharge cutoff voltage	9.6V		
Charging protection voltage	14.4V		
Max.charging voltage	14.6V		
Max. charging current	50A		
Maximum discharge current	240A		
Peak current	400±2 2S	Charging and discharging interface <input type="checkbox"/> Wall terminal <input type="checkbox"/> Anderson <input type="checkbox"/> Navigation plug <input checked="" type="checkbox"/> Positive and negative lines <input type="checkbox"/> Pole <input type="checkbox"/> Hardware contact	
Rated discharge current	240A		
Charging method	CC/CV		
weight	56.5Kg		
Operating temperature	Charging	LCD.Front panel content: through-wall terminal with protective cover and LCD display.	
	Discharge		
60-80%SOC , 2 Storage temperature	-10 35		
60-80% SOC storage, need to recharge every 2 months			
C1 Cycle life	1500 Times		
Cycle life			
price	RMB:¥ 00.00		

Delivery period	25 Working day
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