



14.4V 15.4Ah Special Lithium Battery Lithium Ion Lifepo4 Low Internal Resistance

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: Special Lithium Battery
- Model: 14.4V 15.4Ah (columnar)
- L X W X H: $\Phi 60\text{mm} \times 310\text{mm}$
- Working Temperature: Under -40°C Working Environment
- Working Current: 3A
- Applications: Asuring Instruments, Meteorological Instruments, Polar Surveys
- Highlight: **large capacity lithium battery, lithium ion phosphate battery**

Product Description

14.4V 15.4Ah Special Lithium Battery Lithium Ion Lifepo4 Low Internal Resistance

Model: 14.4V15.4Ah (columnar)

Specification: Φ60mmX310mm

Features: effective discharge rate $\geq 75\%$ under -40°C working environment, cylindrical 18650 low temperature lithium battery, charge cutoff voltage 16.8V, discharge cutoff voltage 10V, working current 3A, maximum discharge current 5A, aluminum alloy casing, matt black

Application:

1. Electric bicycle, Motorbike, balance scooter, golf cart.
2. Emergency power supply, LED light and flashlight.
3. Consumer applications.
4. Electrical tools.
5. Solar lawn, Remote control.
6. Backup power supply, Medical Device.

Advantages:

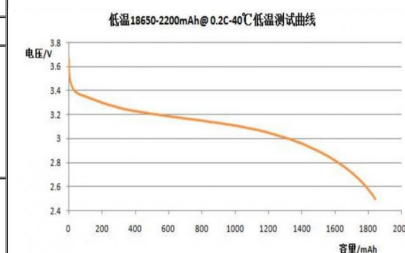
1. High capacity and high output and reliable
2. Friendly to the environment: No Cadmium, Mercury effect, Lead
3. Low internal resistance, No memory effect
4. Long cycle life: more than 500 cycles under normal use
5. Low self-discharge character
6. UL, CE, ROHS, EN62133, IEC, SGS certified

		Number	HY00039	
		Version	A0	
		Date	2019-5-7	
		HYLF/14.4/15.4-001 Battery pack specification		
1 Basic characteristics		Product picture		
Product name	Low temperature lithium battery			
product code	HYLF/14.4/15.4-001			
L x W x H	Φ60mmX310mm			
Rated voltage	14.4VSeries structure			
Rated Capacity	15.4Ah			
Serialization	7P4S			
Internal resistance	≤120mΩ			
Discharge cutoff voltage	10V			
Charging protection voltage	16.8V			
Max.charging voltage	17V			
Max. charging current	3A			
Max. sustained discharge current	5A			
Peak current	10±3A 2S			
Rated discharge current	3A			
Charging method	CC/CV			
weight	1280g			
Operating temperature	Charging	0 45		
	Discharge	-40 55		
60-80%SOC , 2 Storage temperature 60-80% SOC storage, need to recharge every 2 months	-10 35			
C1 Cycle life	500 Times			
price	RMB:¥ 00.00			
Delivery period	25 Working day			

Internal structure: column assembly	
Low temperature work protection board	
Shell color	
<input checked="" type="checkbox"/> Matt black	
<input type="checkbox"/> Bright gray	
<input type="checkbox"/> Fruit green + bright gray (two colors)	
<input type="checkbox"/> White	
Charging and discharging interface	
<input type="checkbox"/> Wall terminal	
<input type="checkbox"/> Anderson	
<input checked="" type="checkbox"/> Air plug	
<input type="checkbox"/> Positive and negative lines	
Batteries:3.7V/2200mAH-18650	
Low temperature cell discharge performance	

低温18650-2200mAh@ 0.2C-40℃低温测试曲线

Capacity (mAh)	Voltage (V)
0	3.70
200	3.45
400	3.35
600	3.28
800	3.22
1000	3.15
1200	3.08
1400	3.00
1600	2.85
1800	2.50





15616151876



info@pinshengenergy.com



rechargeable-liionbattery.com

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