



## High Capacity Lithium Battery Recharge Li Ion Battery For Measuring Instruments

### 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

- Name: Special Lithium Battery
- Model: 14.4V 2100mAh
- L X W X H: 20mmX60mmX90mm
- Working Temperature: Under -40°C Working Environment
- Working Current: 0.5A
- Discharge Cutoff Voltage: 10V
- Highlight: **large capacity lithium battery,  
lithium ion phosphate battery**

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## Product Description

### High Capacity Lithium Battery Recharge Li Ion Battery For Measuring Instruments

Model: 14.4V 2100mAh

Specification: 20mmX60mmx90mm

Features: effective discharge rate  $\geq 75\%$  under  $-40^{\circ}\text{C}$  working environment, polymer square low temperature lithium battery, charge cutoff voltage 16.8V, discharge cutoff voltage 10V, working current 0.5A, maximum working current 2A

Applications: Measuring instruments, meteorological instruments, polar surveys

		Number	HY00043
		Version	A0
HYLF/14.4/2.1-001 Battery pack specification		Date	2019-5-7
<b>1 Basic characteristics</b>		Product picture	
Product name	Low temperature lithium battery	Soft pack laser welding assembly method	
product code	HYLF/14.4/2.1-001	Low temperature work protection board	
L x W x H	20mmX60mmx90mm	-40 -55 Ambient operating temperature: -40 -55	
Rated voltage	14.4VSeries structure		
Rated Capacity	2100mAh		
Serialization	4S		
Internal resistance	$\leq 100\text{m}\Omega$	40 ,0.2C10.0V,70%.Working characteristics: Under the condition of low temperature $40^{\circ}\text{C}$ , the current is discharged to 10.0V at 0.2C, and the effective discharge rate is not lower than 70% of the normal temperature capacity.	
Discharge cutoff voltage	10.0V	Shell color <input type="checkbox"/> Matt black <input type="checkbox"/> Bright gray <input type="checkbox"/> Fruit green + bright gray (two colors) <input checked="" type="checkbox"/> Black	
Charging protection voltage	16.8V		
Max.charging voltage	17V		
Max. charging current	1A		
Maximum discharge current	2A		
Peak current	5 $\pm$ 3A 2S		
Rated discharge current	0.5A	Charging and discharging interface <input type="checkbox"/> Wall terminal <input type="checkbox"/> Anderson <input type="checkbox"/> Air plug <input type="checkbox"/> Positive and negative lines <input checked="" type="checkbox"/> Hardware contact	
Charging method	CC/CV		
weight	99g		
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	500 Times		
price	RMB:¥ 00.00		
Delivery period	25 Working day		

#### FAQ

Q1: Are you battery manufacturer or simply trading company?

Re: We are battery manufacturer, and we sincerely welcome you to visit our factory!

Q2: How do you make sure the quality?

Re: We will do the following works before assembling the pack:

- Select capacity, same capacities cells for one pack
- Measure the voltage, same voltage cells for one pack(difference is under 0.02v per cell)
- Measure the inner resistance,same IR cells for one pack (difference is under 1m Ohm)

All above steps are very strict to make sure the pack performance is perfect.

Q3: What battery packs do you have ?

Re: Our main productus are 18650 battery pack, e-bike battery, lifepo4 storage battery, polymer battery, or any customized battery projects.

Q4: Do you accept OEM/ODM for battery?

Re: yes, please don't hesitate to contact our sales team for more details.



**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.