



Energy Saving Lithium Ion Phosphate Battery , 18V 30Ah Hi Power Battery

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: 18V 30Ah
- L X W X H: 230mmX210mmx42mm
- Working Temperature: Under -40°C Working Environment
- Working Current: 5A
- Applications: Asuring Instruments, Polar Surveys,etc.
- Highlight: **large capacity lithium battery,
lithium ion phosphate battery**

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Product Description

Energy Saving Lithium Ion Phosphate Battery , 18V 30Ah Hi Power Battery

Model: 18V30Ah

Specification: 230mmX210mmx42mm

Features: effective discharge rate $\geq 75\%$ under -40°C working environment, polymer square low temperature lithium battery, charge cut-off voltage 21V, discharge cut-off voltage 12.5V working current 5A, maximum working current 10A, SMBus communication

Typical Application

- I Camper Vans: Camping car/Recreational Vehicles/motorhome
- I Marine: boats/Yachting
- I Electrical Car: Floor Machines/motorbike/electric golf car/forklift
- I Power Tools: Electrical cropper/Electric drill/Electric Saw/Electric Hammer.
- I Energy storage: backup power supply/solar energy storage
- I LED light: Miner's lamp/Led lighting/small home application/Party lights.

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 : $-20 \sim 60$
- ◆ Superior Safety: Lithium Iron Phosphate chemistry eliminates the risk of explosion or combustion due to high impact overcharging or short circuit situation

		Number	HY00040
		Version	A0
	HYLF/18/30-001 Battery pack specification	Date	2019-5-7
1 Basic characteristics		Product picture	
Product name	Low temperature lithium battery	Soft pack laser welding assembly method	
product code	HYLF/18/30-001	Low temperature work protection board	
L x W x H	230mmX210mmx42mm	SMBusSMBus communication	
Rated voltage	18VSeries structure	-40 -55 Ambient operating temperature: -40 -55	
Rated Capacity	30Ah	40 ,0.2C2.5V,70%.Working characteristics: Under the condition of low temperature 40 °C, the current is discharged to 2.5V at 0.2C, and the effective discharge rate is not lower than 70% of the normal temperature capacity.	
Serialization	5S		
Internal resistance	≤120mΩ		
Discharge cutoff voltage	12.5V	Shell color	
Charging protection voltage	21V	<input type="checkbox"/> Matt black	
Max.charging voltage	21.25V	<input type="checkbox"/> Bright gray	
Max. charging current	3A	<input type="checkbox"/> Fruit green + bright gray (two colors)	
Max. sustained discharge current	5A	<input checked="" type="checkbox"/> Balck	
Peak current	10±3A 2S	Charging and discharging interface	
Rated discharge current	4A	<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	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	



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