

LIFEPO4 BATTERY

- Built in BMS management system
- Li-ion battery cell, ABS case
- LCD Display/Waterproof:IP65
- CE, UN38.3, MSDS Certificates



LIFEPO4 CELLS GRADE A	New Energy Manufacturer 15+YEARS	Batteries Annual Sales 50,000+	Technical Support 24 HRS
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PRODUCT FEATURES



5000+ Long Cycle Life



LFP Battery Cells, Safety for Application



More Hours for Power Lasting Usage, Fast Charge



Low Internal Resistance Excellent Performance



Maintenance Free, No Extra Cost



High Density, Smaller Size, More Energy

APPLICATION SCENARIO



RV&Camper



Outdoor Activities



Solar System



Boat & Fishing



Motive Power

12V Series LiFePO4 Battery Products

12V 50Ah/70Ah/100Ah/120Ah/150Ah/200Ah/300Ah



12V 100AH LIFEPO4 BATTERY SPECIFICATION

Basic information	Model	SP-12-100
	Rated voltage	12.8V
	Rated capacity	100Ah/1280Wh
	Operating voltage range	10-14.6V
	Weight	11kg
	Dimensions (L x W x H) mm	330*172*218 mm ±2mm
	Connection	4S1P
	Warranty	5 years
	Number of cycles	>5000 @80% DOD
	BMS (Battery Management System)	Integrated
Charge	Charging Mode	CC/CV: Constant Current/Constant Voltage
	Charging voltage	14.6V
	Recommended charging current	20A
	Maximum charging current	100A
Discharge	Discharge cut-off voltage	10V
	Discharge cut-off current	(5-15ms)300A
	Maximum discharge current	105A
Temperature	Temperature range (discharge)	-20~60°C
	Temperature range(charge)	0~45°C
	Temperature range (storage)	-5~35°C
	Waterproof grade	IP65
Material	Material of case	ABS
	Terminals	M8
Intelligent monitoring	Bluetooth (optional)	1. Bluetooth 4.0 with application for smartphone
		2. Allow control and load of different elements of an accumulator battery and protect it of overloads, surges and overheating

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