



ENDLESS ENERGY WE SHARE!



12V100Ah

LI-ION BATTERY SPECIFICATION



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Li-ion Battery 12V100Ah

Features

- EV-grade safety lifepo4 cells, with lead acid battery shell and built-in BMS.
- 50AH and 100AH can support high rate discharge, max. discharge current can reach 200 amp, quick charge within 30mins.
- Can support in series connection to be used in 48 volt systems, can support in parallel connection up to 10 pcs.
- Can support a variety of customization functions, metal housing, bluetooth (customized IOS APP), heating, LCD display screen, communication (RS485 port/USB port), waterproof.
- Application: solar energy system, solar lighting system, household energy back-up, UPS, RV, Golf Cart, portable device, boat.

Application Scenario



Home emergency
power supply



boat



UPS





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Parameters

Datasheet	Rating	Note
Pack Method	4S1P	
Nominal Capacity	100Ah	Discharge : 0.1C Cut-off Voltage:10V Discharge : 0.1C Cut-off Voltage: 10V
Nominal Voltage	12.8V	
Energy	1280Wh	
Charge Voltage	14.6V	
Discharge cut-off voltage	10V	
Charge Method	CC/CV	
Standard Charge Current	20A	
Max. Charge Current	100A	
Standard Discharge Current	20A	
Max. Continues Discharge current	100A	
Cycle Life	2000 times (wk)	Remain capacity:80%
Internal Impedance	$\leq 70\text{m}\Omega$	
Dimension	L354xW175xH191mm	Lead-acid shell
Output Wire	/	
Output Connector	M8 Terminal	
Weight	Approx. 14kg	
Working Temperature Range	Charge: 0°C--45°C Discharge: -20°C--60°C	
Storage Temperature	-10°C--50°C	