

200*145 mm

正面

A Reliable Power Solution Provider
LithHium Phosphate Battery

User Manual

Note: Please read the manual carefully before using!
Based on providing better products and experience, constantly optimizing and updating products, the specifications and descriptions of the user manual may be changed and are subject to change without notice.



Made in China

⚠ Disclaimers

- We are not responsible for any damage caused by use under abnormal conditions, including force majeure (typhoon, ground settlement, fire, earthquake, flood, lightning, abnormal voltage, other natural disasters, and other natural disasters) acts of third parties, other accidents, intentional or negligent misuse/failure caused by the customer.
- If accessories and this product are damaged, please do not repair them yourself. We are not responsible for any damage caused by disassembly or repair by yourself.
- The warranty coverage applies to the terms of use, and anything not specified is not covered by our warranty.
- If the instructions in this manual are not followed or used improperly, the product may be damaged or damage the surrounding device or cause personal injury. We are not responsible for any loss or damage caused by the above. In addition, we are not responsible for any modifications made to the product by the customer that are beyond our warranty terms.
- We are not responsible for any collateral damages (including loss of business profits) caused by misuse or modifications to the product, or damages caused by malfunctions of the connected devices which not related to us.
- We cannot confirm or guarantee that this product can be used with medical equipment that involves personal safety. We are not responsible for any damage caused by the use of medical equipment.
- Products purchased from non-authorized sellers are not covered under warranty. In addition, we are not responsible for any damages and collateral damages caused by the use of products sold by non-authorized sellers.
- Deterioration of the battery is not covered by the warranty.

⚠ When connected batteries (no more than 3 unltis for bettar performance)in parallel or setial way, make sure fully charge the battery first and the differential voltage should not exceed 0.1V.

Features

- Using the technology of lithium iron phosphate cell,superior safety,thousands of cycles, 100% DOD,under normal conditions
- Built-in automatic protection for over-charge, over discharge over current and over temperature
- Maintenance free Internal cell balancing
- Lighter weight:About 40%-50% of the weight of a comparable lead acid battery.
- Can be charged using most standard lead-acid charges (set) Wider temperature range:-20°C-60°C
- Support for serial application expansion(up to 51.2V)

Application

- UPS
- Solar &Wind Power System
- Golf Cart
- Electric vehicle,E-bike, E-rickshaw e.g.
- Lighting(LED strip etc)
- Fish finder, Kayak
- 12V router, RV/outdoor camping

反面

Model	Product parameter	
12.8V8Ah	Nominal Voltage	12.8V
	Nominal Capacity	8Ah
	Charge Voltage	14.6V
	Charger Current	2A
	Max.Charge Current	5A
	Max.Continuous Current	10A
	Max.Continuous Current	8A±5A,(≥3S)

12.8V10Ah	Nominal Voltage	12.8V
	Nominal Capacity	10Ah
	Charge Voltage	14.6V
	Charger Current	2A
	Max.Charge Current	5A
	Max.Continuous Current	10A
	Max.Continuous Current	18A±5A,(≥3S)

12.8V20Ah	Nominal Voltage	12.8V
	Nominal Capacity	20Ah
	Charge Voltage	14.6V
	Charger Current	4A
	Max.Charge Current	10A
	Max.Continuous Current	20A
	Max.Continuous Current	28A±5A,(≥3S)

12.8V30Ah	Nominal Voltage	12.8V
	Nominal Capacity	30Ah
	Charge Voltage	14.6V
	Charger Current	6A
	Max.Charge Current	15A
	Max.Continuous Current	30A
	Max.Continuous Current	39A±5A,(≥3S)

12.8V100Ah	Nominal Voltage	12.8V
	Nominal Capacity	100Ah
	Charge Voltage	14.6V
	Charger Current	50A
	Max.Charge Current	100A
	Max.Continuous Current	100A
	Max.Continuous Current	380A±50, 1.7-2.7S

12.8V200Ah	Nominal Voltage	12.8V
	Nominal Capacity	200Ah
	Charge Voltage	14.6V
	Charger Current	100A
	Max.Charge Current	200A
	Max.Continuous Current	200A
	Max.Continuous Current	600A± 50, 0.5-1.5S

25.6V100Ah	Nominal Voltage	25. 6V
	Nominal Capacity	100Ah
	Charge Voltage	29. 2V
	Charger Current	50A
	Max.Charge Current	100A
	Max.Continuous Current	100A
	Max.Continuous Current	380A±50, 1.7-2. 7S

Operation temperature and humidity range

Charging temperature:
-10°C -45°C, Charge shall be with a little current (recommend 0.1). If the environment temperature is lower than 0°C ,charge shall be prohibited. Maximum relative humidity:90%
Discharge temperature:
-10°C -45°C, Maximum relative humidity:90%

Operation temperature and humidity range

Three months: -20°C -45°C humidity 60%±320%	Six months: 23± 35°C humidity 60%±320%	Long-term storage: 23± 35°C humidity 60%±320%
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