Lithium

CON Phoaphate(Lifepo4)Battery

OLT- 12.8V 100AH[1280WH]





Features of LiFePo4 Battery

> The whole module is non-toxic, non-polluting and environmentally friendly;

> Cathode material is made from LiFePO4 with safety performance and long cycle life;

> Battery management system(BMS)has protection functions including over-discharge, over-charge, over-current and high/low temperature;

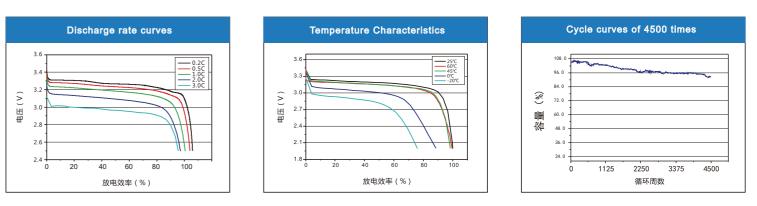
> Small size and light weight, comfortable for installtion and maintenance;



- > Wheelchairs and scooters;
- > Solar/wind energy storage;
- > Back-up power for small UPS;
- > Golf trolleys & buggies

Electrical Characteristics	Nominal Voltage	12.8
	Nominal Capacity	1004
	Energy	1280
	Internal Resistance(AC)	≤20r
	Cycle Life	>450
	Months Self Discharge	<3%
	Efficiency of charge	100%
	Efficiency of discharge	96-9
Standard Charge	Charge Voltage	14.6
	Charge Mode	0.5C
	Charge Current	100/
	Max. Charge Current	100/
	Charge Cut-off Voltage	14.6
Standard Discharge	Continuous Current	100/
	Max. Pulse Current	1204
	Discharge Cut-off Voltage	10V
Environmental	Charge Temperature	0°C t
	Discharge Temperature	-20°0
	Storage Temperature	-20°0
	IP Class	IP65
Mechanical	Plastic Case	Meta
	Approx. Dimensions	307*
	Approx. Weight	12kg
	Terminal	M8

NOTE: This 12.8V series can be used in 4 series to 51.2V, when the battery be used in 4 series, please set charge cut-off voltage to 56V, discharge cut-off voltage to 48V, max charge current to 100A, max discharge current to 100A.



Specification

V
АН
DWH
nΩ
00 cycles @0.5C 80%DOD
% @0.5C
9% @0.5C
±0.2V
to 14.6V,then 14.6V charge current to 0.02C(CC/CV)
A
A
±0.2V
A
A(<3S)
to 55°C(32F to 131F) @60±25% Relative Humidity
$^{\circ}$ to 60 $^{\circ}$ C (32F to 131F) @60±25% Relative Humidity
ℂ to 60 $^{\circ}$ C(32F to 131F) @60±25% Relative Humidity
I Plate
169*208MM
S