

# 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;

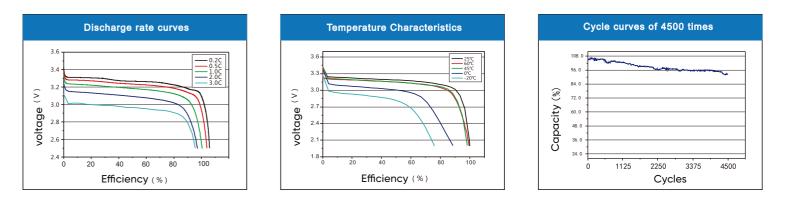
> Small size and light weight, comfortable for installtion and maintenance;

# Application

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

Electrical Characteristics	Nominal Voltage	12.8
	Nominal Capacity	100/
	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	120/
	Discharge Cut-off Voltage	10V
Environmental	Charge Temperature	0°C 1
	Discharge Temperature	-20°(
	Storage Temperature	-20°(
	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