

Phoaphate(Lifepo4)Battery

LFP247



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 includingover-dis-

charge, over-charge, over-current and high/low temperature;

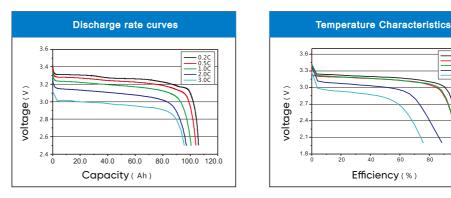
» Small size and light weight, comfortable for installation and maintenance

Application

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

Electrical Charateristics	Nominal Volage	25.6V
	Nominal Capacity	7AH
	Energy	179.2
	Internal Resistance (AC)	≤20m
	Cycle Life	>4000
	Months self Discharge	<3%
	Efficiency of Charge	100%
	Efficiency of discharge	96-99
Standard Charge	Charge Voltage	29.2±
	Charge Mode	0.5C
	Charge Current	3.5A
	Max.Charge Current	7A
	Charge Cut-off Voltage	29.2
Standard Discharge	Continuous Current	1.4A
	Max.Pulse Current	8.4A(
	Discharge Cut-off Voltage	20V
Environmental	Charge Temperature	0 °C to
	Discharge Temperature	-20 °C
	Storage Temperature	-20 °C
	IP Class	IP65
Mechanical	Plastic Case	ABS
	Approx. Dimensions	181*7
	Approx.Weight	~2.4k
	Terminal	M6

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



Specification

V
2WH
nΩ
0 times
6
9%
±0.2V
to 29.2V, then 29.2V, charge current to 0.02C(CC/cV)
±0.2V
(<3S)
to 55 $^\circ$ C(32F to 131F)@60 \pm 25% Relative Humidity
C to 60 \degree C (-4F to 140F)@60 \pm 25% Relative Humidity
C to 45 $^\circ$ C (-4F to 113F)@60 \pm 25% Relative Humidity
76x165mm
kgs

Performance characteristics

