



Basic Info

Product Name	25.6V 50AH battery Lifepo4 Replace Lead-acid
Model	25.6V 50AH

Electrical Specification

Chemical	Lithium iron phosphate
Nominal Voltage	25.6V
Nominal Capacity	50AH
Cell type	3.2V50ah prismatic (LiFePO4)
Self-discharge	≤3.5% (Every month @ 25°C)
Energy	1280WH
Cell configuration	IFP28148115A-50Ah 8S1P
Housing	ABS- IP65 Dustproof and waterproof grade
Terminal Type	M8
Dimension	330 *173*216mm
Weight	About 12kg

Charge and discharge specification

Charging Method	CC/CV
Standard Charging Voltage	29.2V
Float Charging Voltage	27.2V
Discharge Cut-off Voltage	18.4V
Recommended Charging Current	10A
Recommended Max Charging Current	25A
Max. Continuous Discharging Current	30A
Max Instantaneous Discharge Current	90A (<3s)

25.6V 50AH Lifepo4 Battery Operating Temperature

Standard Charging Temperature	0~45°C (32°F to 113°F) @60±25% humidity
Standard Discharging Temperature	-20~60°C (-4°F to 140°F) @60±25% humidity
Storage Temperature	-10~45°C (32°F to 113°F) @60±25% humidity

Notice:

If the 25.6V 50AH battery Lifepo4 need be stored for a long time, Pls make sure at least one charge & discharge cycle every six months.

lifepo4 battery 25.6V 50Ah lifepo4 battery Cycle time

Cycle life @ 80% DOD	>3000 cycles
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lifepo4 battery 25.6V 50Ah lifepo4 battery BMS Protection

Over Charge Protection, Over Discharge Protection, Over Current Protection, Temperature protection Balanced function.

Application

RV/Motorhome; solar and wind energy system; UPS back-up; Boat; Lighting