

12.8V100Ah

Lithium iron Phosphate(LiFePO4)Battery

Model:RD-12-100-SA

Rader energy



Safest LiFePo4
cells for safe use no fire no explosion



Long Life Cycles
>2000 cycles@0.2C,Charge/Discharge at 100%DOD



Powerful Energy
Quick charging, high quality and high discharge rate lithium battery cells providing more energy.



Light Weight
about 40%~50%of the weight of SLA battery



Built-in intelligent BMS
Over Charge /Discharge voltage and current protection, Short circuit protection ,Over temperature protection.



Replacement
Replacement for SLA battery with compatible Housing



Clean Energy
HuaZhen Lithium Battery are the ultimate ,No toxic material ,No Pb.



Customized
Battery Voltage,Capacity,Current,Size ect all can be customized to meet specific applications

Product Description

Electrical Characteristics	Technology	Lithium Iron Phosphate
	Nominal Voltage	12.8V
	Nominal Capacity	100Ah± 5%@0.2C
	Energy	1.28KWh
	Cycle Life	100% Depth of Discharge ~2000 cycles
	Internal Resistance	20mΩ
Charge	Charge mode	CC&CV(0.2C Constant current &14.6V Constant voltage@0.02C)
	Max. Charge Voltage	14.6V
	Standard Charge Current	20A
	Max.Charge Current	50A
Discharge	Discharge Cut-off Voltage	10V
	Standard Discharge Current	50A
	Max.Continuous Discharge Current	100A
Operating Condition	Storage Temperature	0°Cto45°C(32°F to113°F)
	Humidity	60±25%
	Charge Temperature	0°C to 45°C(32°F to113°F)
	Discharge Temperature	-20°Cto 45°C(32°F to113°F)
Structure	Water Dust Resistance	IP65
	Terminal	M8
	Case and Cover	ABS
	Dimension (L*W*H)	330*171*220mm
	Weight	Approx11.5Kg



WARRANTY
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Years limited

