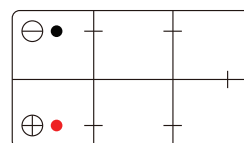


POWER LITHIUM

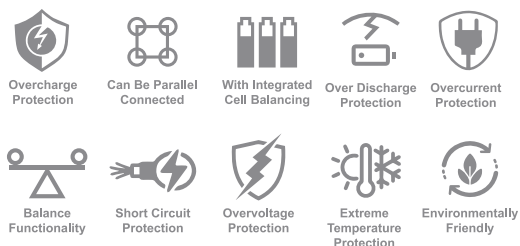
LFP12.8V620AH



Cell Layout 4



Features



Specification

Electrical Characteristics	Nominal Voltage	12.8V
	Nominal Capacity	620Ah
	Energy	7.94kWh
	Cycle Life	> 3000 cycles @0.5C 80%DOD
	Months Self Discharge	<3%
	Efficiency of Charge	100% @0.5C
	Efficiency of Discharge	96~99% @1C
Standard Charge	Charge Voltage	14.6V
	Charge Mode	0.2C to 14.6V, then 14.6V,charge current to 0.02C (CC/CV)
	Charge Current	150A
	Max. Charge Current	300A
	Charge Cut-off Voltage	14.6V
Standard Discharge	Rated Discharge Current	150A
	Max. Discharge Current	300A
	Discharge Cut-off Voltage	About 8.8V (8.4V-9.2V)
Environmental	Charge Temperature	0 - to 55 - @60±25% Relative Humidity
	Discharge Temperature	-20 - to 65 - @60±25% Relative Humidity
	Storage Temperature	-20 - to 45 - @60±25% Relative Humidity
	IP Class	IP67
Mechanical	Plastic Case	ABS
	Dimensions (mm.)	640*245*200mm
	Weight (kg.)	about 50kg±5%
	Terminal	M8



POWERCELL TECHNOLOGY

LifePO4 LITHIUM ION
HIGH PERFORMANCE