LFP-L Series 12.8V / 25.6V LiFePO4 Battery



Features:

- LiFePO4 cell, superior safety, thousands of cycles @ 100% DOD, under normal conditions.
- Built-in automatic protection for over charge, over discharge. over current and over temperature.
- Maintenance free.
- Internal cell balancing.
- Light weight, 40% -50% of the weight of a comparable lead acid battery.

MODEL	LFP L-12.8-50	LFP L-12.8-100	LFP L-12.8-150	LFP L-12.8-200	LFP L-12.8-314	LFP L-25.6-50	LFP L-25.6-100
GENERAL							
Battery Type	LiFePO4						
Rated Power (25°C, 0.2C WH)	640Wh	1280Wh	1920Wh	2560Wh	4000Wh	1280Wh	2560Wh
Rated Capacity	50Ah	100Ah	150Ah	200Ah	314Ah	50Ah	100Ah
Rated Voltage	12.8VDC					25.6VDC	
Max. Charge Voltage	14.4±0.2VDC					29.2±0.2VDC	
Max. Continuous Discharge Current	50A	100A	150A	200A	200A / 300A	50A	100A
Max. Continuous Charge Current	50A	100A	150A	200A	200A / 300A	50A	100A
Discharge Cutoff Voltage	10VDC					20VDC	
Cycle Life	> 5000 cycles (25°C 0.5C charge/discharge at 100% DOD, 70% capacity)						
Monthly Self Discharge	Max 3.5% per month at 25°C						
PROTECTION							
Protection	Overcharge, overdischarge, overcurrent, over temperature						
OPERATING CONDITIONS							
Operating Temperature	0°C ~ 60°C						
Operating Humidity	10%-90%, non-condensing						
Operating Altitude	<3000m						
PACKING							
Product Size (W x H x D)	229x138x208 mm	260x168x209 mm	483x170x240 mm	522x240x219 mm	520x269x220 mm	330x173x220 mm	483x170x240 mm
Net Weight	6.1 kgs	9.8 kgs	14.5 kgs	21.2 kgs	26 kgs	9.8 kgs	19.5 kgs
Terminal	M6	M8	M8	M8	M8	M8	M8