LFP-R Series Rack Mount LiFePO4 Battery



Features:

- Cells cycle times 5000 cycles (25°C 0.2C@90% DOD).
- Wall-mounted design, space saving, easy installation, matching inverter to meet daily energy needs.
- Smart BMS system to optimize the performance.
- Communication: RS485 / CAN, compatible with different brands of solar inverter.
- All around protection: such as SOC / SOH etc.
- High discharge rate current, suitable for off-grid solar system and other loads.
- Maximum of 16 battery packs can be connected in parallel, with front display to know effectively the status of each batteries.

MODEL	LFP R-25.6-100	LFP R-25.6-200	LFP R-51.2-100	LFP R-51.2-200
GENERAL				
Battery Type	LiFePO4			
Rated Power (25°C, 0.2C WH)	2.56 kWh	5.12 kWh	5.12 kWh	10.24 kWh
Rated Capacity	100Ah	200Ah	100Ah	200Ah
Rated Battery Voltage	25.6VDC		51.2VDC	
Adjustable Working Voltage	22.4-29.2VDC		40-56.8VDC	
Float Charge Voltage	28VDC		58.4VDC	
Max. Continuous Discharge Current	100A	200A	100A	200A
Max. Pulse Discharge Current	150A @1s	250A @1s	150A @1s	250A @1s
Max. Continuous Charge Current	100A	200A	100A	200A
Cycle Life (25°C 0.2C 90% DOD)	> 5000 cycles			
Cell Equalizer Current	0.1 - 5A max	0.1 - 10A max	0.1 - 5A max	0.1 - 10A max
Terminal	M8			
Safety Standard	UN38.3, MSDS, CE			
Communication	RS485/CAN			
Storage Duration	6 months at 25°C			
Noise Level	<40dB at 1m distance			
PROTECTION				
Protection	Overcharge, overdischarge, overcurrent, short circuit, 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)	482x133x500 mm	482x133x535 mm	482x133x535 mm	482x177x830 mm
Net Weight	27.7 kgs	45.6 kgs	47.7kgs	87 kgs
Package Size (L x W x H)	630x530x236 mm		630x530x236 mm	700x530x350mm
Gross Weight	30.2 kgs	49.4 kgs	49.5 kgs	90 kgs