LFP-W Series Wall Mounted LiFePO4 Battery



Features

- Cells life 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 W-51.2-100	LFP W-51.2-200	LFP W-51.2-314
GENERAL			
Battery Type		$LiFePO_4$	
Rated Power (25°C, 0.2C WH)	5.12 kWh	10.24 kWh	16 kWh
Rated Capacity	100Ah	200Ah	314Ah
Rated Battery Voltage		51.2VDC	
Adjustable Working voltage		40-56.8VDC	
Float Charge Voltage		58.4VDC	
Max. Continuous Discharge Current	100A	200A	200A / 300A
Max. Pulse Discharge Current	150A @1s	300A @1s	300A @1s / 450A @1s
Max. Continuous Charge Current	100A	200A	200A / 300A
Cycle Life (25°C a0.2C 90% DOD)		> 5000 cycles	
Cell Equalizer Current	0.1 - 5A max	0.1 - 10A max	0.1 -15A max
Terminal		EES 6mm terminal	
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)	500x600x165 mm	415x715x250 mm	550x800x228 mm
Net Weight	49 kgs	95 kgs	122 kgs
Package Size (L x W x H)	680x490x290 mm	915x635x300 mm	934x612x420 mm
Gross Weight	52 kgs	101 kgs	138 kgs