

# B-LFP48-100 E 3U

Parallel capacity from 5.12 kWh to 322.56 kWh



B-LFP48-100E 3U 51.2V 5.12kWh with 100A internal BMS. Composed of (16) UL listed prismatic 3.2V LiFePO4 cells in series which have been tested at 6000 deep discharge cycles to 80% DoD - fully charge and discharge this battery daily for over 10 years without issue. You'll get 10 years of warranty service and technical support with BSL inverters and batteries!



Modular and scalable



More compact design



Better price, bigger capacity



10-year warranty & technical support



30 days delivery period



For on-grid and off-grid



UL standard battery pack



High cycle life and deep cycle capability



Safe and reliable LiFePO4



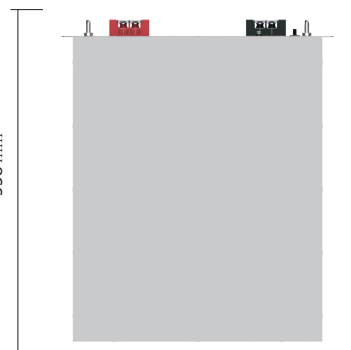
483 mm



483 mm

136 mm

835 mm



442 mm

## Specification

Item	General Parameter	
Model	B-LFP48-100E 3U	
Nominal voltage	51.2V	
Nominal capacity	100Ah	
Energy	5.12KWh	
Charge current	50A	
Max. constant charge current	80A	
Max. constant discharge current	100A	
Max. peak discharge	1.5C/150A(300ms)	
Discharge cut-off voltage	48V	
Cell & method	16S1P	
Operating temperature	Charging	0°C ~ 45°C
	Discharging	-20°C ~ 55°C
Storage temperature	- 10°C ~+ 45°C	
Battery weight	Approx: 46 kg	
Battery dimension	538*483(442)*136mm(W*H*D)	

## Certification

Safety	IEC62619/CE/UN38.3
Cell	IEC62619/UL1973/CE
Hazardous materials classification	Class 9
Transportation	UN38.3
IP level	IP 20

