BSLBATT®
Best Solution Lithium Battery

B-LFP48-300E

Parallel capacity from 15.36 kWh to 967.68 kWh

51.2V 300Ah 15.36kWh

B-LFP48-300E rack batteries are made from a deep cycle prismatic LiFePO4 battery that combines proprietary architecture, circuitry, assembly methods and battery management systems (BMS) that are modular, lightweight and scalable for applications ranging from residential, commercial and industrial energy storage to telecom base station installations.

- Modular and scalable
- 16S/15S multiple options
- 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

Specification

51.2V 300Ah 15.36kWh Battery

Item	General Parameter	
Model	B-LFP48-300E	
Battery Type	LiFePO4	
Nominal Voltage (V)	51.2	
Nominal Capacity (wh)	15360	
Usable Capacity (wh)	14592	
Cell & Method	16S1P	
Dimension(mm)(W*H*D)	780*483(442)*222	
Weight(Kg)	130	
Discharge Voltage (V)	47	
Charge Voltage (V)	55	
Charge	Rated Current / Power	160A / 8.192kW
	Peak Current / Power	210A / 10.752kW
Discharge	Rated Current / Power	200A / 10.24kW
	Max. Current / Power	220A / 11.264kW, 1s
	Peak Current / Power	250A / 12.80kW, 1s
Communication	RS232, RS485, CAN, WIFI, Bluetooth	
Depth Of Discharge(%)	95%	
Expansion	Up to 63 units in parallel	
Working Temperature	Charge	0~55℃
	Discharge	-20~55℃
Storage Temperature	0~35℃	
Short Circuit Current/Duration Time	Enable	
Cooling Type	Nature	
Protection Level	IP20	
Monthly Self-discharge	≤ 3%/month	
Humidity	≤ 60% ROH	
Altitude(m)	< 4000	
Warranty	10 Years	
Design Life	> 15 Years（25℃ / 77℉）	
Cycle Life	> 6000 cycles, 25℃	
Certification & Safety Standard	UN38.3, CE, IEC 62619	

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