

LIFEPO4 ENERGY STORAGE BATTERY

5Kwh~15Kwh Rack Mount Series



Features



LiFePO4 (Solid-state) Battery
Higher safe
performance and
longer cycle life.



Inverter interface
protection: Over voltage,
Over current, External
Short Circuit.



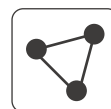
Battery Protection:
Internal Short Circuit,
Over voltage, over
current, over temp.



High Scalability.



Flexible Installation:
Stack-Mounted.



Wide Compatibility:
Compatible with
leading inverter
brands.

Specification

Parameters	Data Sheet		
Model	LFP-BE51100	LFP-BE51200	LFP-BE51300
Nominal Voltage	51.2V	51.2V	51.2V
Nominal Capacity	100Ah	200Ah	300Ah
Battery Energy	5.12Kwh	10.24Kwh	15.36Kwh
Discharging Cut-off Voltage	44.8V± 0.2V	44.8V± 0.2V	44.8V± 0.2V
Charging Cut-off Voltage	57.6V± 0.2V	57.6V± 0.2V	57.6V± 0.2V
Nos of Cells	16pcs	16pcs	16pcs
Weight	45.5±0.5Kg	83±0.5Kg	108±0.5Kg
Dimensions(L*W*H)	482(438)*420*177mm	482(438)*540*240mm	482(438)*682*240mm
Charging Current	Recommend / 20A ; Max. / 50A *	Recommend / 40A ; Max. / 100A *	Recommend / 40A ; Max. / 100A *
Discharging Current	Recommend / 50A ; Max. / 100A *	Recommend / 100A ; Max. / 200A *	Recommend / 100A ; Max. / 200A *
Peak Discharging Current	105A(5 sec.) *	205A(5 sec.) *	205A(5 sec.) *
Cell Type	LiFePO4 Battery		
Terminal	M8		
Case Material	Metal Box		
Communication Mode	RS485/CAN		
Depth of Discharge	95		
Working Temperature	0°C~50°C Charge / -10°C~50°C Discharge		
The Shelf Temperature	-20°C~60°C		
Humidity	5~95%(RH)		
Design Life Cycle	10+Years (25°C/77°F)		
Cycle Life	≥6500 at 25°C		

*The corresponding parameters are for a single battery module. The actual data will change as the number of parallel connections increases. If you have any questions, please feel free to consult us.

