

ENERGY STORAGE BATTERY SOLUTION

Energy storage battery
51.2V/230Ah



Product Highlight

- With smart BMS system.
- High discharge current, strong load impact resistance.
- 3U rack-mount design with flexible expansion and easy installation.
- Grade A Lithium Iron Phosphate Battery, Superior safety and reliability.
- Possess safety protection functions such as overcharge, over-discharge, overcurrent, high temperature, and low temperature.
- RS485/CAN communication allows for real-time monitoring of battery status and setting of protection parameters

BM121S48 Parametes

MODEL	BM121S48
Battery	
Cell Material	Lithium Iron Battery
Battery Voltage	51.2V
Battery Capacity	11776Wh
Operation Voltge range	44.8~57.6V
Max Continuous Discharge Current	200A
Standard charging current	157A
Max Continuous Charge Current	200A
Battery Standard Cycle Life	6000 cycles
Protection Features	Overcharge protection , Overdischarge protection , Overcurrent protection , Shortcircuit protection , Overtemperature protection
General Parameters	
Display	LED indicator light / LED Display (Optional)
Dimension W*D*H(mm)	440*600*220
Weight(NW Kg)	86.5
Chassis installation method	Rack-mounted insert box type, 3U
Terminal	M6
Protection Degree	IP20
Communication	CAN/RS485 (Optional)
Operating Environment	
Storage temperature	-30℃~60℃
Charging temperature	0℃~55℃
Working Temperature	-20℃~55℃
Humidity	0%~95% Non-condensation
Operating Environment	Indoor
Certifications	
Certifications	UN38.3, RoHS, CE, MSDS

The battery cycle life is measured under laboratory conditions at 25℃, while the actual life span is determined by the battery temperature during actual use. Specifications are subject to change without advance notice.

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