



LFP48100P

LITHIUM IRON PHOSPHATE BATTERY

Voltage: 51.2V | Capacity: 100 Ah | Energy: 5120 Wh

Performance

Specification	51.2V 100Ah
Battery Energy	5120Wh
Recommended Charge/Discharge Current	20A
Max Charge/Discharge Current	100A
Working Voltage	44~58.2Vdc (defaulted, adjustable)

General Specification

BMS	16S 100A
Dimension(L*W*H)	480*440*160mm
Weight	Approx 45Kg
Installation	Rack mounted/Cabinet mounted/Floor stand
Charge Temperature	0°C~50°C
Discharge Temperature	-15°C~55°C
IP Rating	IP20
Cell Technology	LiFePO4
Cycle Life	Over 6000 @ 80% DOD, 25°C/0.5C
Scalability	Up to 16 units (defaulted), up to 32 units (upgraded)
Communication Port	RS485, CAN
Display	SOC & ALM & RUN status indicator, LCD screen
Terminals	M8 (dual sets of terminals)
Balance Function	Passive balance
Protection	Over charge/discharge, over current, over/under temperature, short circuit

Accessories

Parallel Power Cable	6 AWG cable 0.3m * 2 pcs
Parallel Communication Cable	RJ45 cable 0.5m * 1 pcs
Upper Computer Connecting Cable	RJ45 to USB cable 2m * 1 pcs
Screws	M8 screw * 4 pcs

Warning

- Do not immerse the battery into water or use in humid environment.
- Do not expose to temperatures over 60°C.
- Do not connect the positive and negative terminals of the same battery directly.
- Do not reverse the positive and negative terminals.
- Do not disassemble or modify battery without professional assistance.
- Keep battery out of reach of children.
- Please use a special charger for lithium iron phosphate batteries.

CE FC RoHS MSDS UN38.3

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