

LFP48-100 (LiFePO₄ 51.2V100Ah, 5120.0Wh)

- Safety in use
- Low self discharge rate
- Good high temperature performance
- High Cycle times and long service life
- High energy density and conversion efficiency
- Environmental Friendly, without any heavy metals
- Easy installation, easy maintenance, easy replacement on solar system.



Item	Specification
Model	LFP48-100
Rated Capacity	100Ah
Nominal Voltage	51.2V
Discharge Ending Voltage	40.0V
Charging Limited Voltage	58.4V
Max. Charging Current	50.0A
Max. Continue Discharging Current	100.0A
Weight	Approx. 42.0kg
Plug	Screw Terminal / Custom
BMS (Battery Management System)	RS485/RS232/CAN
Dimension (mm)	482*400*177mm (L*W*H) / Custom
Containing Cell	3.2V 100Ah
IP Class	IP30
Outer Package Material	ABS
Operating Temperature	Charging: 0~45°C Discharging: -20~60°C Storage: -20~60°C
Cycles	3000 cycles
Design Lifespan	18~20 years

Product Design

BMS



LiFePO₄ Cell Package



LiFePO₄ in Box



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