



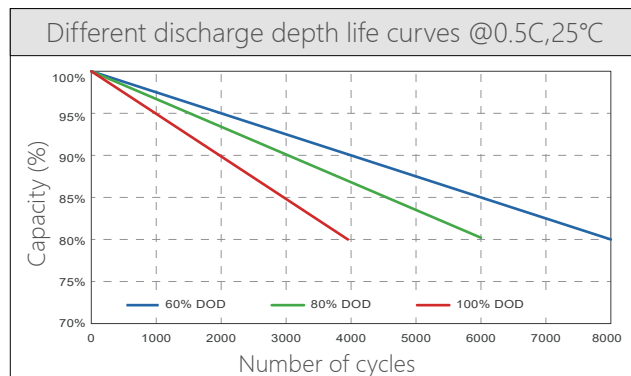
LFP48-100 48V100AH

Wall-Mounted LiFePO₄ Battery



General Feature

- Supports parallel expansion up to 16 parallel.
- Compatible with many mainstream inverter brands in the market.
- Installation mode can be wall hanging and floor.
- Built-in BMS system for battery life protection.
- Excellent safety: Adopt high grade A quality Lithium iron phosphate material.
- Acceptable customization.



Bluetooth Connection



Short Circuit Protection



Temperature Protection



Charging Overvoltage Protection



Discharge Undervoltage Protection



OC/OD Protection

Application

- Solar/Wind Energy Storage System
- Communication Equipment
- Emergency Power System
- Medical Equipment
- UPS Backup Power
- Electric Vehicles/Electric mobility
- Fire And Security System
- Lighting

*Please note that all specifications are changed without notice.

LFP48-100 48V100AH

Wall-Mounted LiFePO₄ Battery

Product Parameter

Available electricity	4.8kWh
Rated capacity	100Ah
Combination mode	15S1P
BMS configuration	15S100A
Rated voltage	48V
Operating voltage range	39V~54.75V
Rated charge and discharge current	50A
Peak current	100A Continue @130A 500ms
Rated charging and discharging power	2.4kW
Peak power	4.8kW Continue @6.24kW 500ms
Short-circuit current	0.45Ka@100us
Cycle life	≥6000 Cycle, 80%DOD, 25°C
Communication mode	CAN, RS485, RS232
Parallel number	Recommend 6 in parallel(Max support 16 in parallel)
Remote data	Bluetooth / WiFi (Optional)
Weight	47±3%Kg
Dimensions (L*W*H) mm	425*145*675mm
Operating temperature	Charging: 0°C~+50°C / Discharge: -20°C~+60°C
Relative humidity	0~95%
Storage temperature	<3 Months -10°C~25°C / <1 Year 0°C~25°C
Maximum working altitude	2000m
Class of protection	IP20
Supports inverter communication brands	SMA/Growatt/TBB/Deye/GOODWE/Huawei/Schneider/Victron energy/SOFAR/INVT
Installation mode	Wall hanging/Floor mounting
Power cable outlet mode	Upper
Standards and certification	MSDS, UN38.3

*1: Test conditions, cell voltage 2.6V~3.65V, the new battery at +25±2°C 0.5C charging and discharging, available power may vary depending on the inverter;

*2: Rated charge and discharge current and power will change due to temperature and SOC.