



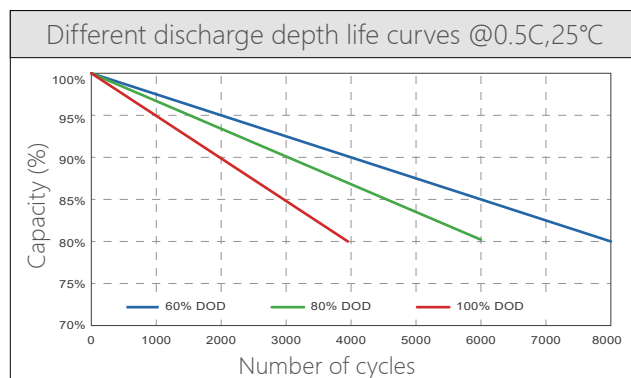
LFP51.2-200 51.2V200AH

Floor-Mounted LiFePO₄ Battery



General Feature

- ≥ 6000 Cycles reliable performance.
- Compatible with many mainstream inverter brands in the market.
- Built-in BMS system for battery life protection.
- Excellent safety: Adopt high grade a quality lithium iron phosphate material.
- Equipped with touch display, easy to operate.
- 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.

LFP51.2-200 51.2V200AH

Floor-Mounted LiFePO₄ Battery

Product Parameter

Available electricity	10.24kWh
Rated capacity	200Ah
Combination mode	16S1P
BMS configuration	16S200A
Rated voltage	51.2V
Operating voltage range	41.6V~58.4V
Rated charge and discharge current	100A
Peak current	200A Continue @250A 500ms
Rated charging and discharging power	5.12kW
Peak power	10.24kW Continue @12.8kW 500ms
Short-circuit current	0.6Ka@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	102±3%Kg
Dimensions (L*W*H) mm	520*240*855mm
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	Floor mounting
Power cable outlet mode	Flank
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.