



# LFP12.8-200 12.8V200AH

Lithium Replaced Series

## General Feature

- $\geq 6000$  cycles Reliable Performance.
- Compatible with many mainstream inverter brands in the market.
- Built-in BMS system for battery life protection.
- Excellent safety: Lithium iron phosphate chemistry eliminates the risk of explosion or combustion.
- Wider temperature range:  $-20^{\circ}\text{C} \sim 60^{\circ}\text{C}$ .
- Acceptable customization.



Bluetooth Connection



Short Circuit Protection



Temperature Protection



Charging Overvoltage Protection



Discharge Undervoltage Protection



OC/OD Protection

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

## Compatible Inverters



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## Product Parameter

Available electricity	2.56Kwh
Rated capacity	200Ah
Cell configuration	4S1P
BMS configuration	4S100A
Rated voltage	12.8V
Operating voltage range	8.4V~14.8V
Rated charge and discharge current	100A
Peak current	100A Continue@105A 10s
Rated charging and discharging power	1.28Kw
Peak power	1.28Kw Continue@1.344Kw 10s
Short-circuit current	0.247Ka@100us
Cycle life	≥ 5000 Cycle, 80%DOD, 25°C
Communication mode	Optional (RS485/UART)
Parallel number	Support 4 string 4 parallel
Remote data	Bluetooth
Battery display	LCD
Weight	19.81Kg
Dimensions (L*W*H) mm	395*240*305mm
Operating temperature	Charging: 0°C~+50°C / Discharge: -10°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	IP67
Installation mode	Ground placement
Power cable outlet mode	Upper cover
Standards and certification	Transport UN38.3

\*1: Test conditions, cell voltage 2.1V~3.7V, 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.

\*Please note that all specifications are changed without notice.