

12.8 V200Ah

Specification Sheet

LFP Li-ion Battery-150A Current



SAFETY:

- + Prismatic LiFePO4 cells, High consistency, long cycle life and much more safety.
- + UN38.3, CE certification for system.
- + The cycle life over 3000 times @80%DOD

SPECIFICATION

Model	R-LFP12.8V200Ah
Part Number	9110128020001
Nominal Voltage [V]	12.8
Nominal Capacity [Ah]	200
Total Energy [Wh]	2560
Max. Charging Current [A]	150
Recommended Charging Current [A]	100
Charging Voltage [V]	14.6
Max. Discharging Current [A]	150
End of Discharge Voltage [V]	11.2
Pulse Discharge Current	300A @ 10s
Dimension [W*D*H, mm]	522*240*219
Weight [Kg]	25.6
Operation Humidity	0~95% RH (No condensing)
Operating Temperature Range	Charge: 0 ~ +50 °C ; Discharge: -20 ~ +55 °C
BMS Protection	Over charge, Over discharge, Over temperature, Short circuit
Parallel Support	Yes, Max 2 Sets
Series Support	Yes, Max 4 Sets
Cycle Life	>3000
Designed Calendar Life	>10 Years

Note:
1. 80% DOD and to 80% of initial capacity.

DESIGN:

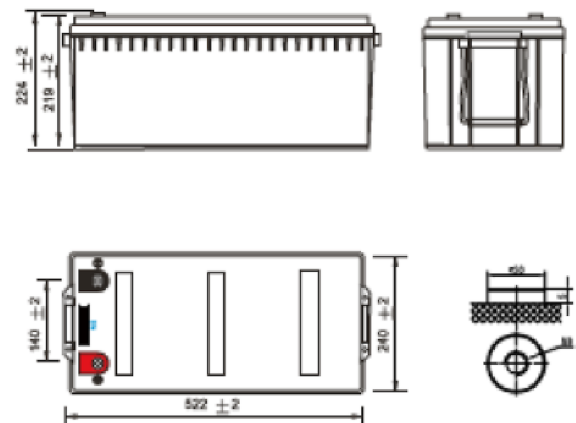
- + Detachable ABS case, better than traditional case.
- + ON/OFF Button, LED indicators for SOC, RUN and ALM.
- + IP 65 Class (G1, G2). IP30 Class (G3)
- + Maintenance free.

BATTERY MANAGEMENT SYSTEM (BMS)

- + Integrated hardware BMS inside.
- + Independent protection for charge and discharge.
- + Over voltage, low voltage, Over temperature and short circuit protection

DIMENSION:

Dimension:



Unit: mm