

25.6V100Ah

Specification Sheet



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

DESIGN:

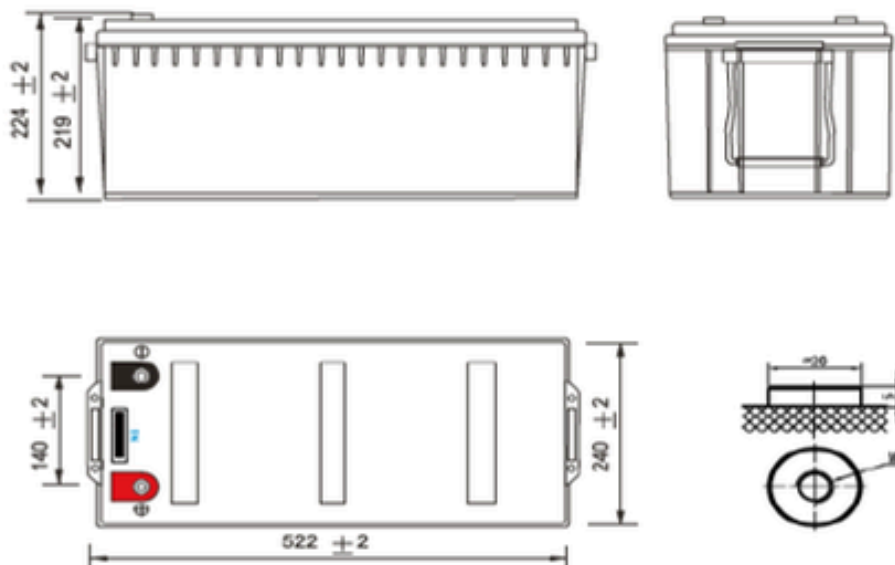
- + ABS container, replace VRLA battery perfectly.
- + Fast charge performance.
- + -20~+55° C widely temperature range.
- + Maintenance free.

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

Model	R-LFP25.6V100Ah
Part Number	8010256010001
Nominal Voltage [V]	25.6
Nominal Capacity [Ah]	100
Total Energy [Wh]	2560 Wh @ 100% DOD 2304 Wh @ 90% recommended cut off 2048 Wh @ 80% recommended cycling
Max. Charging Current [A]	100
Recommended Charging Current [A]	50
Charging Voltage [V]	29.2
Max. Discharging Current [A]	100
End of Discharge Voltage [V]	22.4
Pulse Discharge Current	270A @ 10s
Dimension [W*D*H, mm]	522*240*219
Weight [Kg]	25.2
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	No Support
Cycle Life	>3000
Designed Calendar Life	>10 Years
Certification	UN38.3, CE, MSDS

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