

LI-ION BATTERY / 12.8V100Ah

SAFETY

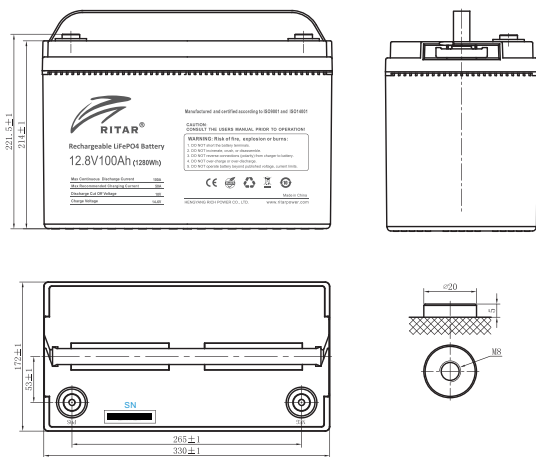
- Prismatic LFePO4 cells, Longer cycle life and much more safety
- UN38.3, CE certification for system
- The cycle life over 3000 times @80%DOD

DESIGN

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

BATTERY MANAGEMENT SYSTEM (BMS)

- Integrated BMS inside
- Independent protection for charge and discharge
- OVP, LVP, OTP, LTP, OCP, Short circuit protection



SPECIFICATIONS

Part Number	8010128010001
Model	R-LFP12V100AH
Nominal Voltage [V]	12.8
Nominal Capacity [Ah]	100
Total Energy [Wh]	1280
Max. Charging Current [A]	100
Recommended Charging Current [A]	50
Charging Voltage [V]	14.6
Max. Discharging Current [A]	100
End of Discharge Voltage [V]	11.2
Pulse Discharge Current	125A @ 5S
Dimension (HxWxD, mm)	214x330x173
Weight [Kg]	15
Operation Humidity	0~95% RH (No condensing)
Operating Temperature Range Charge	0 ~ +50°C, Discharge: -20 ~ +55°C
Protection	Over charge, Over discharge, Over current, Over temperature, Low temperature, Short circuit
Parallel Support	2 Pcs
Series Support	Yes, Max. 4 Pcs.
Cycle Life	>3000 cycles
Designed Calendar Life	>10 Years