

12.8V30Ah

LFP Li-ion Battery



SAFETY

- + Cylindrical LiFePO4 cells (32700-6Ah), High consistency, long cycle life and much more safety.
- + UN38.3, CE certification for system.
- + The cycle life over 2000 times @80%DOD

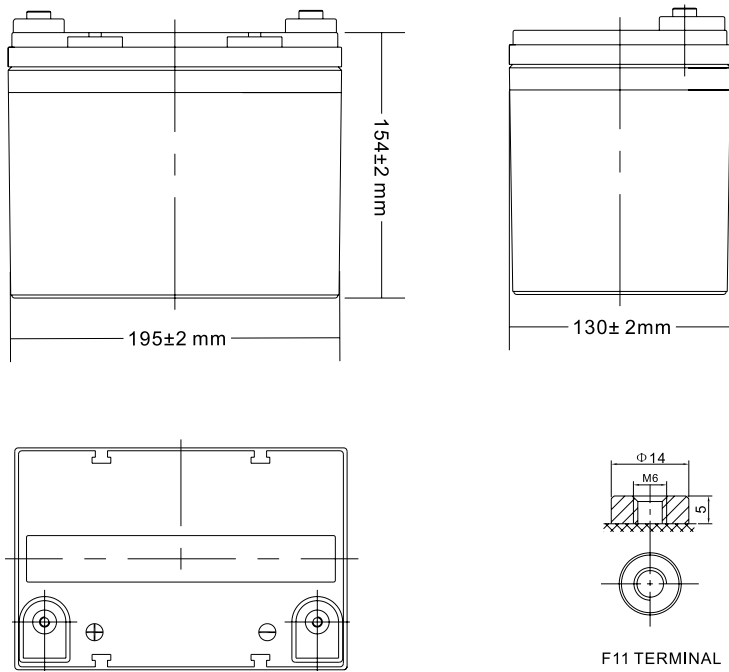
DESIGN

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

BATTERY MANAGEMENT SYSTEM (BMS)

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

Dimension:



Unit: mm

12.8V30Ah

Specification

| | |
|----------------------------------|--|
| Model | R-LFP12.8V30Ah |
| Part Number | 8010128003001 |
| Nominal Voltage [V] | 12.8 |
| Nominal Capacity [Ah] | 30 |
| Total Energy [Wh] | 384 |
| Max. Charging Current [A] | 30 |
| Recommended Charging Current [A] | 15 |
| Charging Voltage [V] | 14.6 |
| Max. Discharging Current [A] | 30 |
| End of Discharge Voltage [V] | 11.2 |
| Pulse Discharge Current | 50A @ 10s |
| Dimension [W*D*H, mm] | 195*130*155 |
| Weight [Kg] | 5.0 |
| 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 | >2000 |
| Designed Calendar Life | >10 Years |
| Certification | UN38.3, CE, MSDS |

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