

RITAR LITHIUM BATTERIES

TECHNICAL FEATURES

SAFETY

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

DESIGN

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

BATTERY MANAGEMENT SYSTEM

- Integrated hardware BMS inside.
- Independent protection for charge and discharge.
- Over voltage, low voltage, over temperature and short circuit protection.
- Bluetooth communication, APP for Android and iPhone. (Only on 100Ah model)



SPECIFICATIONS

| | 12.8 V 6 AH | 12.8V 12 Ah | 12.8V 20Ah | 12.8V 50Ah | 12.8V 100Ah |
|----------------------------|-------------|-------------|------------------|----------------|-----------------|
| RATED VOLTAGE (V) | 12.8 | | | | |
| RATED CAPACITY (AH) | 6 | 12 | 20 | 50 | 100 |
| LENGTH (MM) | 151 | 151 | 181 | 198 | 330 |
| WIDTH (MM) | 65 | 65 | 77 | 166 | 172 |
| HEIGHT (MM) | 93.5 | 93.5 | 167 | 169 | 214 |
| WEIGHT (KG) | 0.82 | 1.21 | 2.9 | 6.5 | 13.4 |
| TERMINAL | F2 | F2 | F13-BP (Ø12, M5) | IF11 (Ø14, M6) | F12 (Ø17.5, M8) |
| COMMENTS | N/A | | | | Bluetooth |