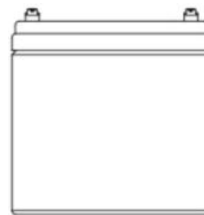
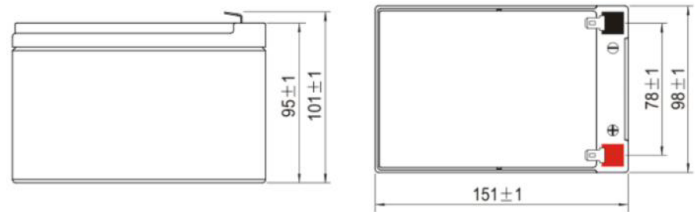


Specifications

| | | |
|-----------------------------------|---------------------------|---|
| Electrical Characteristics | Nominal Voltage | 12.8V |
| | Rated Capacity | 12AH |
| | Series X Parallel Maximum | 2S X 4P |
| | Circuit Protection | Over charge, Over discharge, Over current, Over temp, Short, Balance |
| | Cycle Life | >2000 cycles at 0.2C 100% DOD |
| | Monthly Self Discharge | Less than 2% |
| | Efficiency of Charge | 100% @ 0.5C (when used with proper LiFePO ₄ charger) |
| | Efficiency of Discharge | 96 ~ 99% @ 1C |
| Charge | Charge Voltage | 14.4 ± 0.2V |
| | Standard Charge Current | 2.4A |
| | Max. Charge Current | 12A |
| Discharge | Std. Discharge Current | 2.4A |
| | Max. Continuous Current | 20A |
| | Discharge Cut-off Voltage | ~9V |
| Environmental | Charge Temperature | 0°C to 55°C (32°F to 131°F) at 60 ± 25% Relative Humidity |
| | Discharge Temperature | -20°C to 60°C (-4°F to 140°F) at 60 ± 25% Relative Humidity |
| | Storage Temperature | -20°C to 45°C (-4°F to 113°F) at 60 ± 25% Relative Humidity |
| Mechanical | Cell Material | LiFePO ₄ |
| | Case / IP Class | Plastic / IP65 |
| | Dimensions (in / mm) | 5.94 x 3.86 x 3.74 (3.98 HT) / 151 x 98 x 95 (101 HT) |
| | Approx. Weight (lbs /kg) | 3.75 / 1.7 |
| | Terminal Type | F1 & F2 |
| Optional | Extended Functions | Power Switch, SOC indicator, USB, Communications (CANBUS, Bluetooth, SMBUS, RS485, RS232, UART, I ² C) |



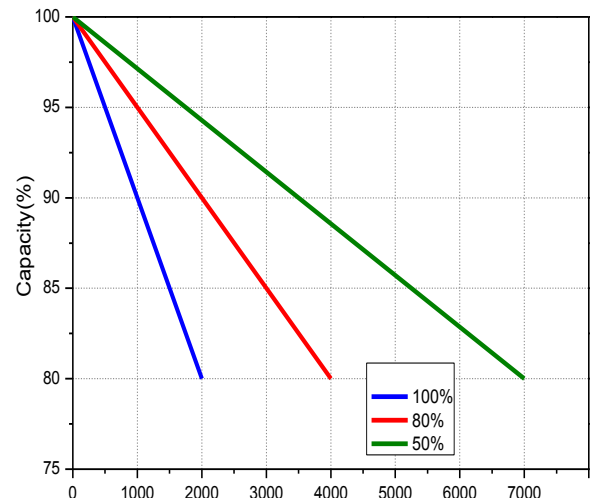
Physical Dimensions



Terminal Options

- F1** 0.187" x 0.032" quick disconnect
- F2** 0.250" x 0.032" quick disconnect

Discharge Characteristics



* Use ZEUS matching PCCG-LFP14.4V2A LiFePO₄ or PCCG-LFP14.4V5A LiFePO₄ charger to achieve optimum performance

**Modular design enables deployment of up to two batteries in series and up to four batteries in parallel.