

Range Summary

- Using oxygen recombination technology: maintenance-free**
- PbCaSn alloy for plate grids: low self discharge rate than 3% per month**
- High quality AGM separator: extend cycle life and prevent micro short circuit retardant**
- High purity raw material: 99.99% pure lead**

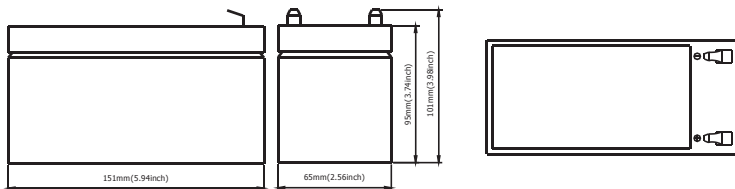
Application

- Cable Television**
- Communication Equipment**
- Security System**

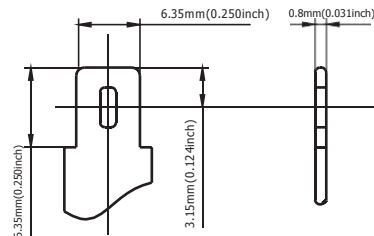
- UPS**
- Control Equipment**
- Medical Equipment**
- Emergency Power**



Battery Dimensions

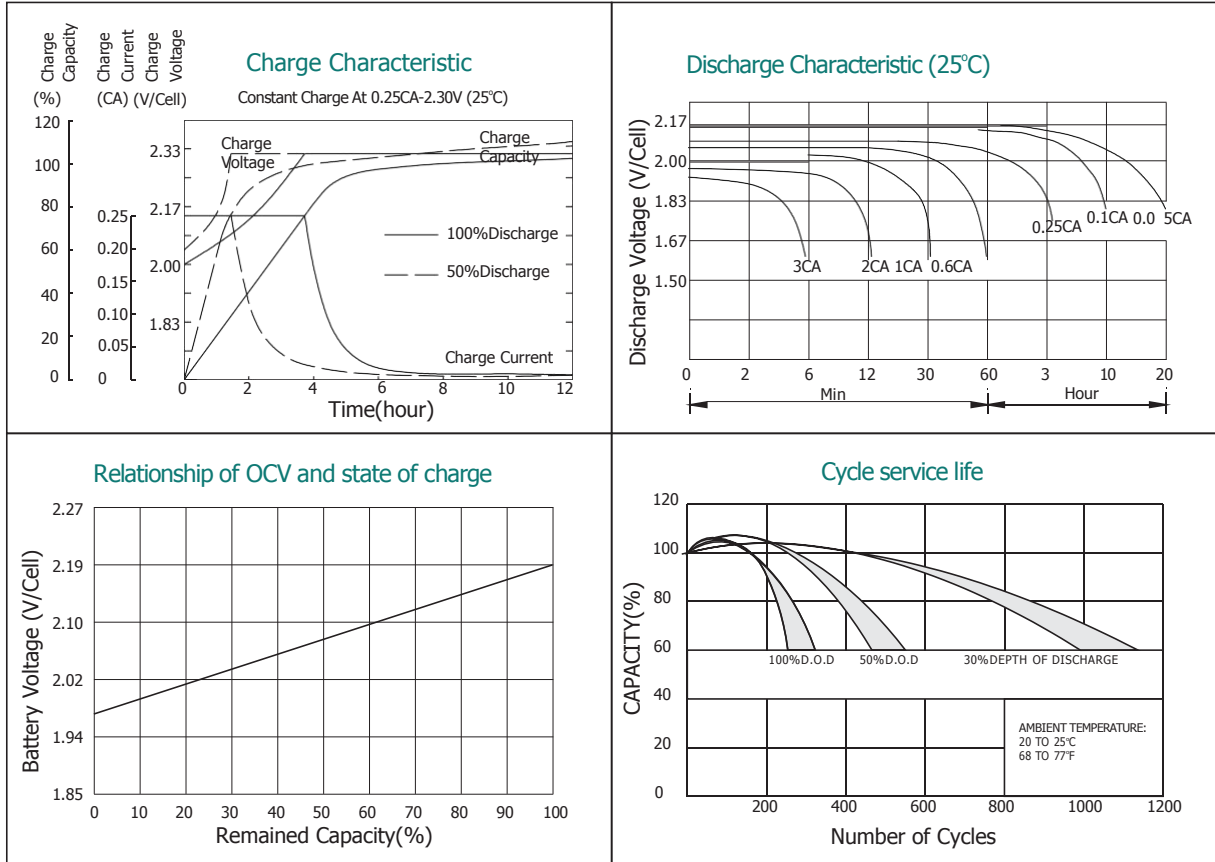


Terminal Dimensions



Technical Specifications

| | | | | |
|----------------------------------|---|-------------------|-----------------------|------------------|
| Battery Model | 12V9.5 | | | |
| Designed Floating Life | 5 Years | | | |
| Capacity(25°C) | 20HR(0.475A,1.80V) | 10HR(0.86A,1.80V) | 5HR(1.62A,1.75V) | 1HR(6.21A,1.60V) |
| | 9.5AH | 8.60AH | 8.10AH | 6.21AH |
| Dimensions | Length | Width | Height | Total Height |
| | 151mm(5.94inch) | 65mm(2.56inch) | 95mm(3.74inch) | 101mm(3.98inch) |
| Approx. Weight | 2.95 Kg (6.49 lbs) | | | |
| Internal Resistance | Full charged at 25°C: 0.017 Ohm | | | |
| Self Discharge | 3% of capacity declined per month at (25°C) | | | |
| Capacity Affected by Temp.(20HR) | 40°C | 25°C | 0°C | -15°C |
| | 109% | 100% | 85% | 65% |
| Charge Voltage(25°C) | Cycle use | | Float use | |
| | 14.4-14.8V(-30mV/ °C), max. Current: 2.85A | | 13.6-13.8V(-18mV/ °C) | |



Constant current discharge ratings-amperes at 25°C

| F. V / T i m e | 5 M I N | 1 0 M I N | 1 5 M I N | 3 0 M I N | 1 H R | 3 H R | 5 H R | 1 0 H R | 2 0 H R |
|----------------|---------|-----------|-----------|-----------|-------|-------|-------|---------|---------|
| 1.60V | 37.1 | 23.1 | 17.4 | 10.6 | 6.21 | 2.96 | 1.72 | 0.891 | 0.533 |
| 1.67V | 34.8 | 21.9 | 16.8 | 10.16 | 6.13 | 2.85 | 1.68 | 0.883 | 0.514 |
| 1.70V | 31.9 | 21.1 | 16.4 | 9.24 | 5.94 | 2.66 | 1.65 | 0.880 | 0.506 |
| 1.75V | 31.3 | 20.5 | 15.8 | 8.77 | 5.66 | 2.57 | 1.62 | 0.868 | 0.493 |
| 1.80V | 28.0 | 19.5 | 14.4 | 8.13 | 5.30 | 2.47 | 1.52 | 0.860 | 0.475 |
| 1.85V | 24.7 | 18.6 | 12.9 | 7.48 | 4.94 | 2.38 | 1.42 | 0.844 | 0.466 |

Constant power discharge ratings-watts at 25°C

| F. V / T i m e | 5 M I N | 1 0 M I N | 1 5 M I N | 3 0 M I N | 1 H R | 3 H R | 5 H R | 1 0 H R | 2 0 H R |
|----------------|---------|-----------|-----------|-----------|-------|-------|-------|---------|---------|
| 1.60V | 65.1 | 41.7 | 31.8 | 19.1 | 11.2 | 5.26 | 2.91 | 1.78 | 1.06 |
| 1.67V | 62.8 | 40.6 | 31.4 | 18.7 | 11.1 | 5.09 | 2.90 | 1.77 | 1.03 |
| 1.70V | 60.2 | 40.2 | 31.1 | 17.5 | 10.9 | 4.86 | 2.86 | 1.76 | 1.01 |
| 1.75V | 59.5 | 40.1 | 30.9 | 17.0 | 10.7 | 4.75 | 1.62 | 1.74 | 0.99 |
| 1.80V | 54.5 | 39.5 | 28.6 | 16.2 | 10.1 | 4.61 | 2.75 | 1.72 | 0.48 |
| 1.85V | 49.4 | 37.5 | 26.0 | 15.2 | 9.5 | 4.47 | 2.66 | 1.69 | 0.92 |

Quality Management System Authentication

CE authentication

