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|------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Capacity (25°C) | 20HR (0.60A, 10.5V) = 12.00AH 10HR (1.137A, 10.5V) = 11.37AH 5HR (2.04A, 10.5V) = 10.20AH 1HR (6.95A, 10.5V) = 6.95AH |
| Operating Temperature Range | Charge = 0°C to 45°C Discharge = -15°C to 50°C Storage = -15°C to 40°C |
| Approx. Weight | 1.70Kg |
| Internal Resistance | Fully charged at 25°C : ≤ 15mΩ |
| Self Discharge | 3% per month at (25°C) |
| Capacity Affected by Temp. (20HR) | 40°C = 102% 25°C = 100% 0°C = 85% -15°C = 65% |
| Charge Voltage (25°C) | Cycle Use = 7.20-7.35V (-15mV/°C) Max Current = 3.6A Float Use = 6.75-6.90V (-10mV/°C) |
| Dimensions (Nominal) | Length: 151mm (5.94 in.) Width: 50mm (1.97 in.) Height: 94mm (3.70 in.) Total Height: 100mm (3.94 in.) |

- Completely sealed, maintenance-free, low self-discharge
- State of the art AGM and grid alloy formula technology
- Non-spillable, stable quality and high reliability with excellent re-charging performance
- Floating and standby use up to: 5 years
- Cycle use: Up to 260 cycles at 100% DoD
- Cycle use : Up to 500 Cycles at 50% DoD
- Container and Cover Material – ABS UL94-HB (optional UL94-V0)
- Transportation - D.O.T., I.A.T.A. & F.A.A.

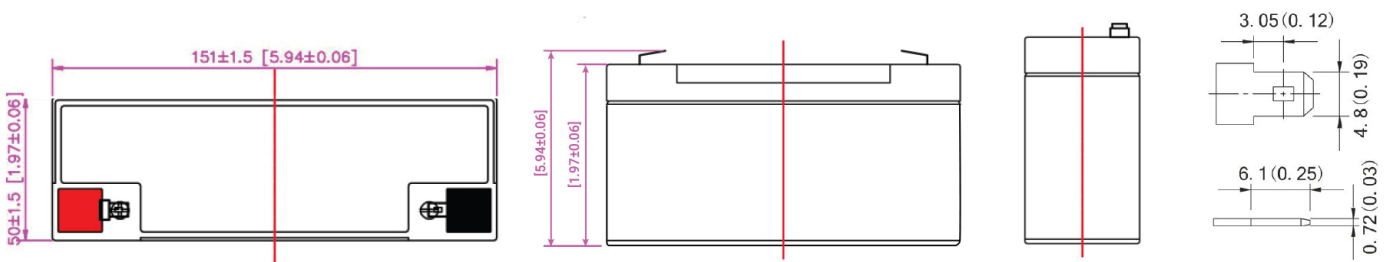


APPLICATIONS

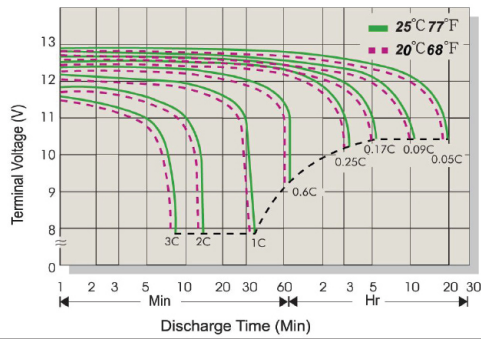
| | | |
|--------------------|--------------------------|---------------------------|
| Multipurpose | Alarm & Security System | DC Power Supply |
| Telecommunications | Comm. Power Supply | Auto Control System |
| UPS | Elec. Power System (EPS) | Traffic Control Signaling |
| Medical Equipment | Emergency Backup Power | Emergency Lighting |

Terminal Type

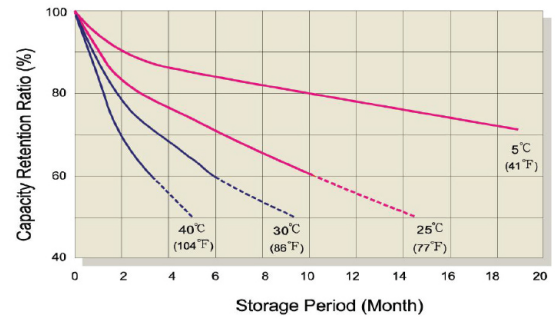
- Terminal F1



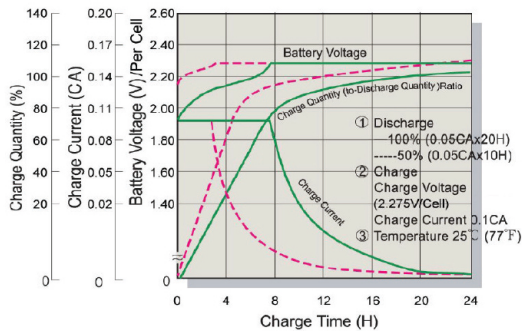
Terminal Voltage (V) & Discharge Time



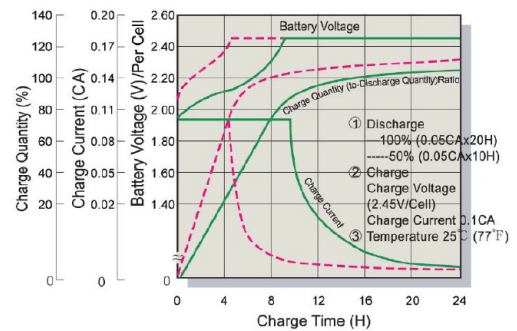
Capacity Retention Characteristic



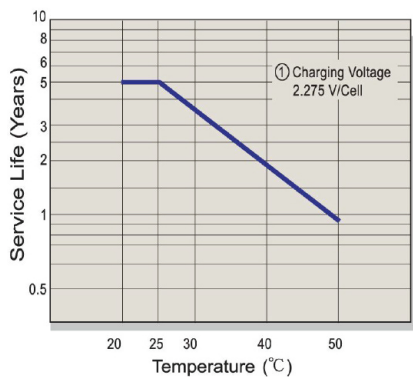
Battery Voltage & Charge Time For Standby Use



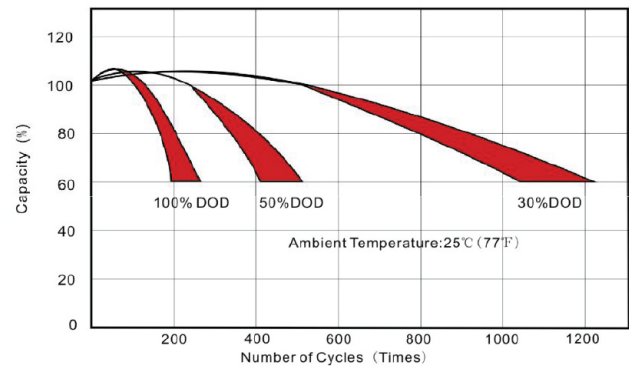
Battery Voltage & Charge Time for Cycle Use



Float Service Life



Cycle Service Life



Constant Current Discharge (A) at 25°C (77°F)

| F.V/Time | 5min | 10min | 15min | 30min | 1h | 2h | 3h | 4h | 5h | 8h | 10h | 20h |
|------------|-------|-------|-------|-------|------|------|------|-------|-------|-------|-------|-------|
| 1.85V/Cell | 31.36 | 22.37 | 18.88 | 11.35 | 6.69 | 3.91 | 2.98 | 2.365 | 1.965 | 1.678 | 1.095 | 0.578 |
| 1.80V/Cell | 31.96 | 22.79 | 19.24 | 11.57 | 6.82 | 3.98 | 3.03 | 2.410 | 2.002 | 1.711 | 1.116 | 0.589 |
| 1.75V/Cell | 32.56 | 23.22 | 19.60 | 11.79 | 6.95 | 4.06 | 3.09 | 2.455 | 2.040 | 1.743 | 1.137 | 0.600 |
| 1.70V/Cell | 35.49 | 24.61 | 20.78 | 12.26 | 7.07 | 4.13 | 3.14 | 2.499 | 2.076 | 1.773 | 1.157 | 0.611 |
| 1.67V/Cell | 39.07 | 26.70 | 22.55 | 12.94 | 7.15 | 4.18 | 3.18 | 2.525 | 2.098 | 1.792 | 1.169 | 0.617 |
| 1.60V/Cell | 42.33 | 28.10 | 23.72 | 13.50 | 7.22 | 4.22 | 3.21 | 2.553 | 2.120 | 1.812 | 1.182 | 0.624 |

Constant Power Discharge (W) at 25°C (77°F)

| F.V/Time | 5min | 10min | 15min | 30min | 1h | 2h | 3h | 4h | 5h | 8h | 10h | 20h |
|------------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|
| 1.85V/Cell | 61.16 | 43.61 | 36.82 | 22.14 | 13.05 | 7.62 | 5.80 | 4.61 | 3.83 | 3.27 | 2.13 | 1.13 |
| 1.80V/Cell | 62.33 | 44.45 | 37.53 | 22.56 | 13.30 | 7.77 | 5.91 | 4.70 | 3.90 | 3.34 | 2.18 | 1.15 |
| 1.75V/Cell | 63.49 | 45.28 | 38.23 | 22.99 | 13.55 | 7.92 | 6.02 | 4.79 | 3.98 | 3.40 | 2.22 | 1.17 |
| 1.70V/Cell | 69.21 | 48.00 | 40.52 | 23.90 | 13.79 | 8.06 | 6.13 | 4.87 | 4.05 | 3.46 | 2.26 | 1.19 |
| 1.67V/Cell | 76.19 | 52.07 | 43.96 | 25.24 | 13.93 | 8.14 | 6.20 | 4.92 | 4.09 | 3.49 | 2.28 | 1.20 |
| 1.60V/Cell | 82.54 | 54.79 | 46.26 | 26.32 | 14.09 | 8.23 | 6.26 | 4.98 | 4.13 | 3.53 | 2.30 | 1.22 |