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|--|---|
| Capacity (25°C) | 20HR (2.12A, 10.5V) = 42.4AH 10HR (4.08A, 10.5V) = 40.8AH 5HR (7.63A, 10.5V) = 38.18AH 1HR (25.57A, 10.5V) = 25.57AH |
| Operating Temperature Range | Charge = 0°C to 45°C Discharge = -15°C to 50°C Storage = -15°C to 40°C |
| Approx. Weight | 12.50Kg |
| Internal Resistance | Fully charged at 25°C : ≤ 10.0mΩ |
| Self Discharge | 2% 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 = 14.4 - 14.8V (-30mV/°C) Max Current = 10.0A Float Use = 13.5-13.8V (-20mV/°C) |
| Dimensions (Nominal) | Length: 196mm (7.72 in.) Width: 165mm (6.50 in.) Height: 170mm (6.69 in.) Total Height: 170mm (6.69 in.) |

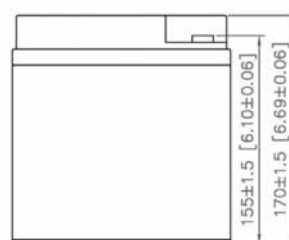
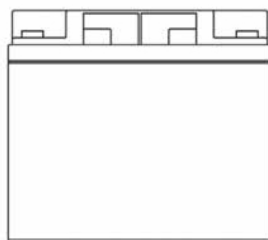
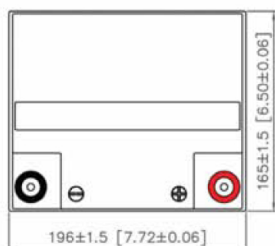
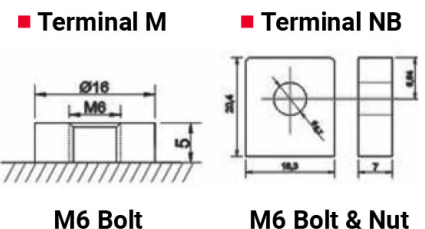
- Completely sealed, maintenance-free, low self-discharge
- State of the art AGM and grid alloy formula technology
- Non-spillable, stable quality and high reliability with excellent re-charging performance
- Floating and standby use up to: 8 years
- Cycle use: Up to 260 cycles at 100% DoD
- Cycle use : 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.



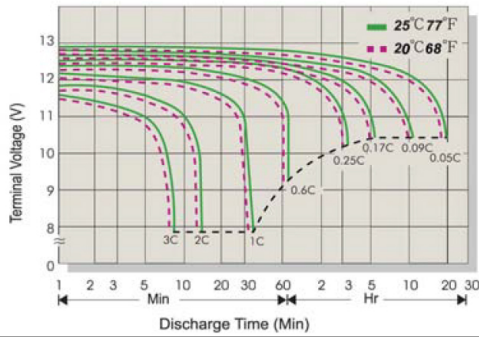
■ APPLICATIONS

| | | |
|---------------------------|------------------------------------|----------------------------------|
| 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 |

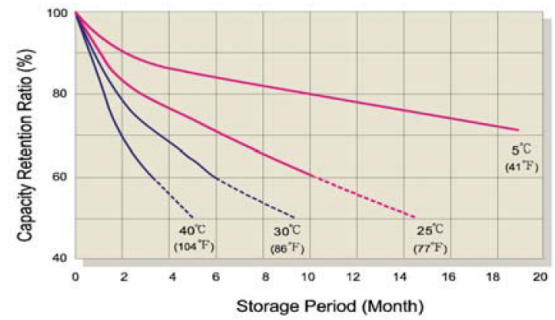
Terminal Type



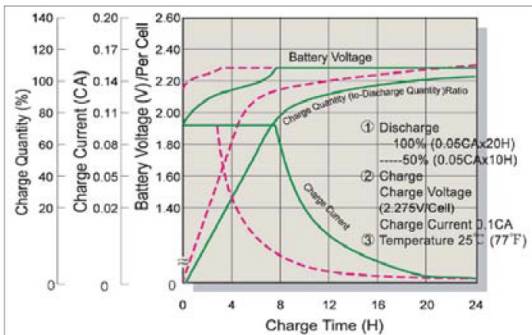
Terminal Voltage (V) & Discharge Time



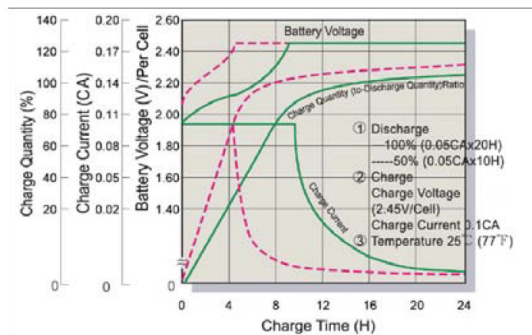
Capacity Retention Characteristic



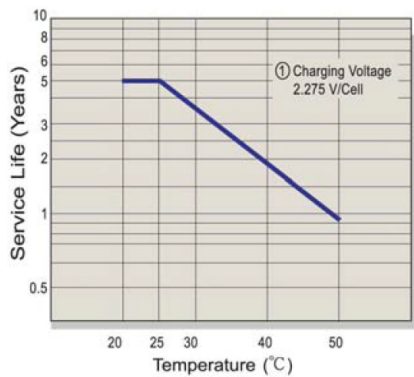
Battery Voltage & Charge Time For Standby Use



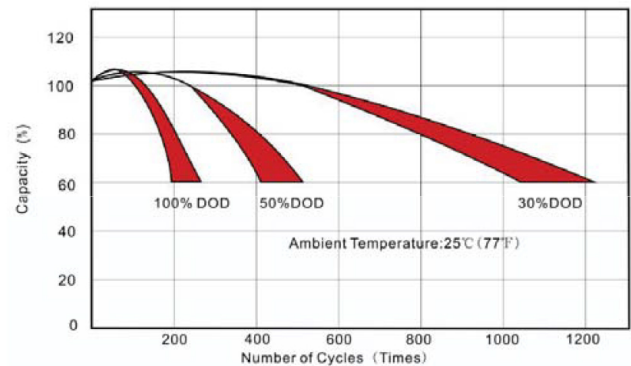
Battery Voltage & Charge Time for Cycle Use



Float Service Life



Cycle Service Life



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

| | | | | | | | | | | | | |
|------------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1.85V/Cell | 139.51 | 82.35 | 64.73 | 42.19 | 24.62 | 14.23 | 10.93 | 8.976 | 7.355 | 5.996 | 3.930 | 2.044 |
| 1.80V/Cell | 142.17 | 83.93 | 65.96 | 43.00 | 25.09 | 14.51 | 11.14 | 9.147 | 7.496 | 6.111 | 4.000 | 2.083 |
| 1.75V/Cell | 144.84 | 85.50 | 67.20 | 43.80 | 25.57 | 14.78 | 11.35 | 9.319 | 7.636 | 6.225 | 4.080 | 2.122 |
| 1.70V/Cell | 157.87 | 90.63 | 71.23 | 45.55 | 26.02 | 15.04 | 11.55 | 9.483 | 7.771 | 6.335 | 4.152 | 2.159 |
| 1.67V/Cell | 173.81 | 98.33 | 77.28 | 48.10 | 26.29 | 15.20 | 11.67 | 9.585 | 7.854 | 6.403 | 4.196 | 2.182 |

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

| | | | | | | | | | | | | |
|------------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|------|------|
| 1.85V/Cell | 272.04 | 160.59 | 126.22 | 82.28 | 48.02 | 27.76 | 21.32 | 17.50 | 14.34 | 11.69 | 7.66 | 3.98 |
| 1.80V/Cell | 277.24 | 163.66 | 128.63 | 83.85 | 48.94 | 28.29 | 21.72 | 17.84 | 14.62 | 11.92 | 7.80 | 4.06 |
| 1.75V/Cell | 282.44 | 166.73 | 131.04 | 85.42 | 49.85 | 28.82 | 22.13 | 18.17 | 14.89 | 12.14 | 7.96 | 4.14 |
| 1.70V/Cell | 307.86 | 176.73 | 138.90 | 88.83 | 50.73 | 29.33 | 22.52 | 18.49 | 15.15 | 12.35 | 8.10 | 4.21 |
| 1.67V/Cell | 338.92 | 191.73 | 150.70 | 93.79 | 51.27 | 29.64 | 22.76 | 18.69 | 15.32 | 12.49 | 8.18 | 4.26 |