

Capacity (25°C)	20HR (0.23A, 5.25V) = 4.60AH 10HR (0.43A, 5.25V) = 4.30AH 5HR (0.79A, 5.25V) = 3.95AH 1HR (3.65A, 5.25V) = 2.65AH
Operating Temperature Range	Charge = 0°C to 45°C Discharge = -15°C to 50°C Storage = -15°C to 40°C
Approx. Weight	0.65Kg
Internal Resistance	Fully charged at 25°C : ≤ 25mΩ
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 = 1.20A Float Use = 6.75-6.90V (-10mV/°C)
Dimensions (Nominal)	Length: 70mm (2.76 in.) Width: 47mm (1.85 in.) Height: 99mm (3.90 in.) Total Height: 105mm (4.13 in.)

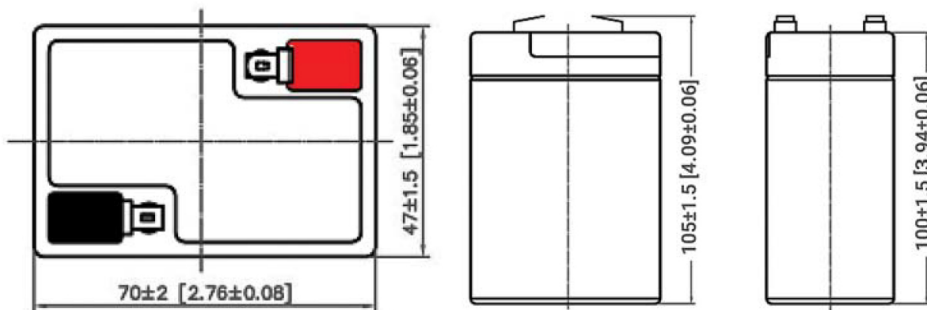
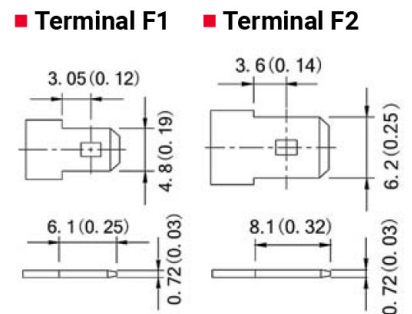
- Completely sealed, maintenance-free, low self-discharge
- State of the art AGM and grid alloy formula technology
- Non-spillable, stable quality and high reliability with excellent re-charging performance
- Floating and standby use up to: 5 years
- Cycle use: Up to 260 cycles at 100% DoD
- Cycle use : 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.



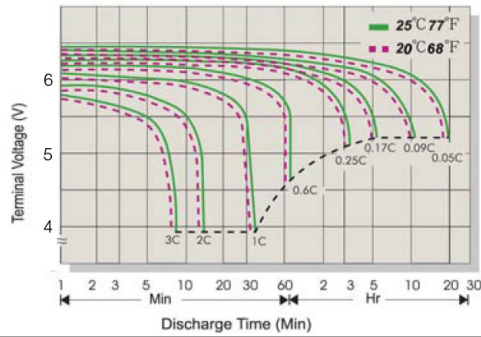
APPLICATIONS

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

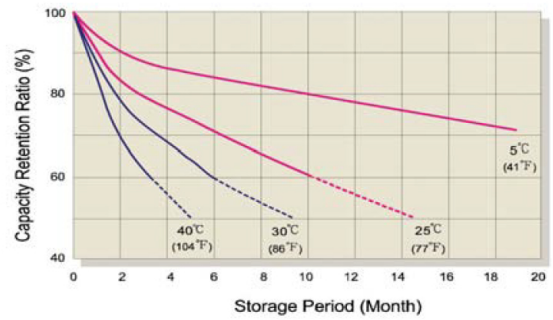
Terminal Type



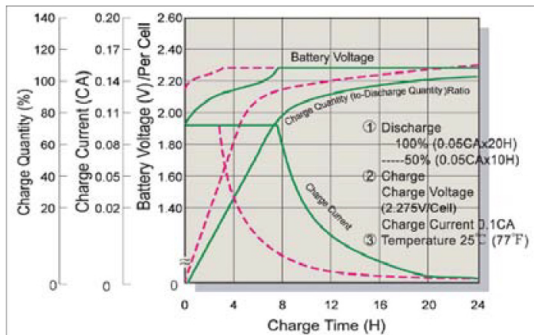
Terminal Voltage (V) & Discharge Time



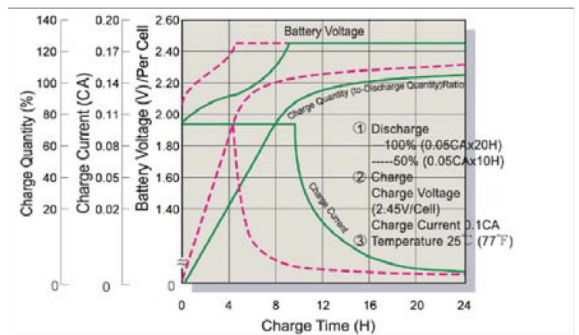
Capacity Retention Characteristic



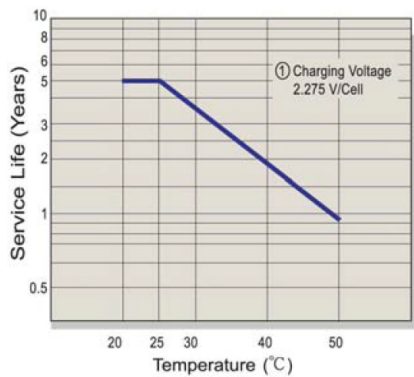
Battery Voltage & Charge Time For Standby Use



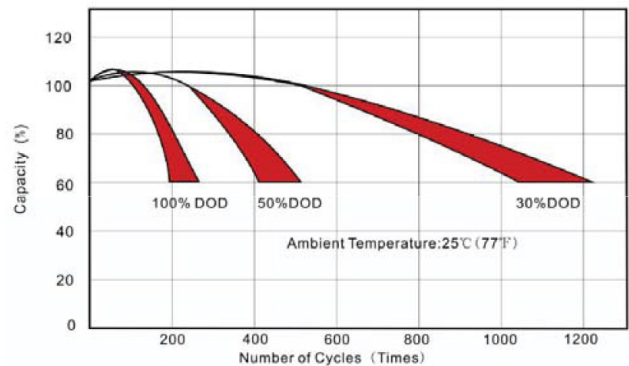
Battery Voltage & Charge Time for Cycle Use



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
1.60V	17.31	11.40	8.498	4.918	2.870	1.694	1.231	0.980	0.828	0.553	0.450	0.234
1.65V	16.68	11.06	8.276	4.810	2.817	1.669	1.215	0.968	0.818	0.547	0.446	0.232
1.70V	15.87	10.62	7.983	4.667	2.747	1.636	1.193	0.952	0.805	0.540	0.440	0.230
1.75V	14.82	10.04	7.602	4.480	2.654	1.592	1.164	0.930	0.788	0.530	0.433	0.227
1.80V	13.51	9.304	7.111	4.238	2.533	1.535	1.126	0.902	0.766	0.517	0.423	0.222
1.85V	11.88	8.382	6.492	3.929	2.378	1.460	1.076	0.865	0.737	0.500	0.409	0.216

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

F.V/Time	5min	10min	15min	30min	1h	2h	3h	4h	5h	8h	10h	20h
1.60V	29.79	19.67	15.08	9.07	5.45	3.26	2.39	1.91	1.62	1.10	0.90	0.47
1.65V	29.47	19.59	14.99	9.00	5.40	3.23	2.37	1.90	1.61	1.09	0.89	0.47
1.70V	28.35	19.01	14.59	8.78	5.29	3.18	2.33	1.87	1.59	1.08	0.88	0.46
1.75V	26.96	18.31	14.09	8.52	5.13	3.11	2.29	1.83	1.56	1.06	0.87	0.45
1.80V	24.99	17.26	13.37	8.14	4.92	3.01	2.22	1.78	1.52	1.03	0.85	0.45
1.85V	22.38	15.82	12.38	7.62	4.65	2.88	2.13	1.72	1.47	1.00	0.82	0.44