

Capacity (25°C)	20HR (0.065A, 10.5V) = 1.30AH 10HR (0.12A, 10.5V) = 1.20AH 5HR (0.23A, 10.5V) = 1.15AH 1HR (0.78A, 10.5V) = 0.78AH
Operating Temperature Range	Charge = 0°C to 45°C Discharge = -15°C to 50°C Storage = -15°C to 40°C
Approx. Weight	0.57Kg
Internal Resistance	Fully charged at 25°C : ≤ 160mΩ
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 = 14.4-14.7V (-30mV/°C) Max Current = 0.39A Float Use = 13.6-13.8V (-20mV/°C)
Dimensions (Nominal)	Length: 97mm (3.82 in.) Width: 45mm (1.77 in.) Height: 52mm (2.05 in.) Total Height: 57mm (2.24 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.

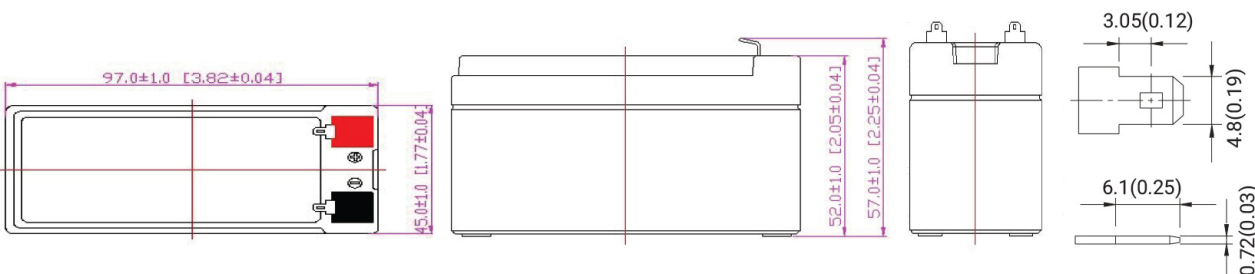


■ APPLICATIONS

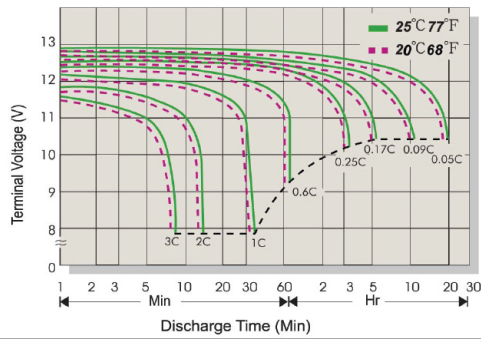
Multipurpose	Alarm & Security System	DC Power Supply
Telecommunications	Comm. Power Supply	Auto Control System
UPS	Elec. Power System (EPS)	Traffic Control Signaling
Medical Equipment	Emergency Backup Power	Emergency Lighting

Terminal Type

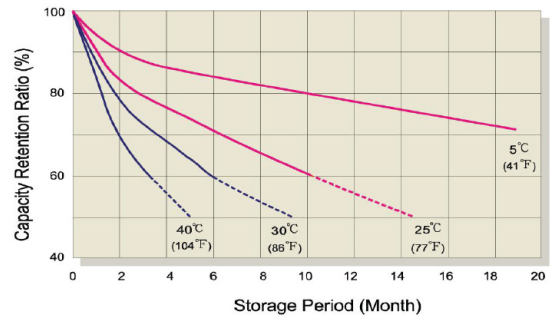
- Terminal F1



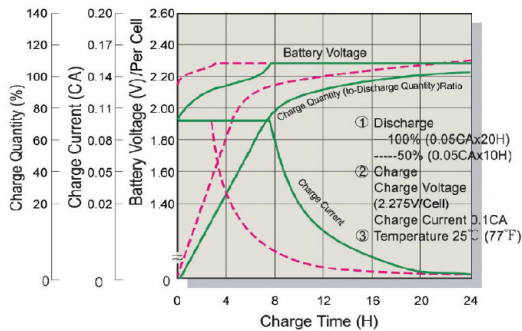
Terminal Voltage (V) & Discharge Time



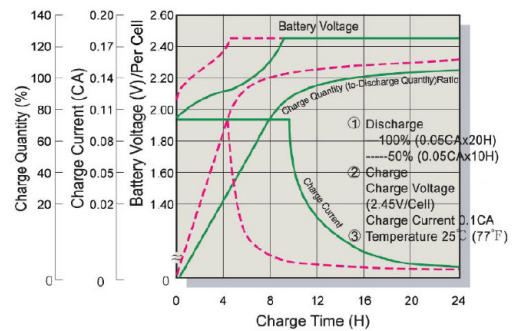
Capacity Retention Characteristic



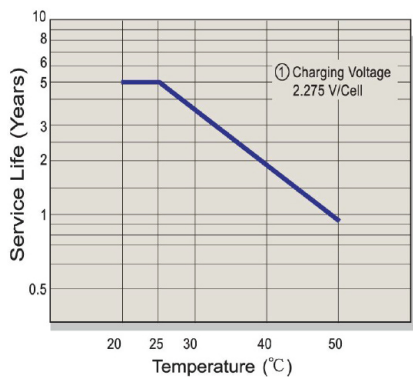
Battery Voltage & Charge Time For Standby Use



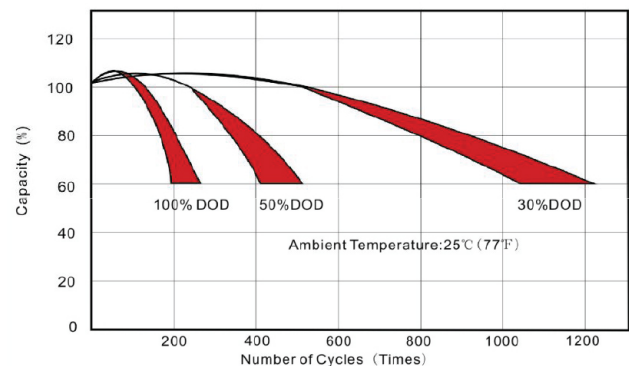
Battery Voltage & Charge Time for Cycle Use



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	6h	10h	20h
1.85V/cell	3.59	2.65	1.92	1.29	0.75	0.43	0.33	0.262	0.225	0.184	0.120	0.063
1.80V/cell	3.65	2.70	1.96	1.32	0.76	0.44	0.33	0.267	0.230	0.187	0.123	0.064
1.75V/cell	3.72	2.75	1.99	1.34	0.78	0.45	0.34	0.273	0.234	0.191	0.125	0.065
1.70V/cell	4.06	2.91	2.11	1.40	0.79	0.45	0.35	0.277	0.238	0.194	0.127	0.066
1.67V/cell	4.47	3.16	2.29	1.47	0.80	0.46	0.35	0.280	0.241	0.196	0.129	0.067
1.60V/cell	4.84	3.33	2.41	1.54	0.81	0.46	0.35	0.283	0.243	0.198	0.130	0.068

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

F.V/Time	5min	10min	15min	30min	1h	2h	3h	4h	5h	6h	10h	20h
1.85V/cell	6.99	5.16	3.74	2.52	1.46	0.84	0.64	0.51	0.44	0.36	0.23	0.12
1.80V/cell	7.13	5.26	3.82	2.57	1.49	0.85	0.65	0.52	0.45	0.37	0.24	0.12
1.75V/cell	7.26	5.36	3.89	2.62	1.52	0.87	0.67	0.53	0.46	0.37	0.24	0.13
1.70V/cell	7.91	5.68	4.12	2.72	1.55	0.89	0.68	0.54	0.46	0.38	0.25	0.13
1.67V/cell	8.71	6.17	4.47	2.87	1.56	0.90	0.68	0.55	0.47	0.38	0.25	0.13
1.60V/cell	9.44	6.49	4.70	3.00	1.58	0.90	0.69	0.55	0.47	0.39	0.25	0.13