

<b>Capacity (25°C)</b>	20HR (0.065A, 5.25V) = 1.30AH 10HR (0.065A, 5.25V) = 1.30AH 5HR (0.22A, 5.25V) = 1.10AH 1HR (0.71A, 5.25V) = 0.71AH
<b>Operating Temperature Range</b>	Charge = 0°C to 45°C Discharge = -15°C to 50°C Storage = -15°C to 40°C
<b>Approx. Weight</b>	0.29Kg
<b>Internal Resistance</b>	Fully charged at 25°C : ≤ 45mΩ
<b>Self Discharge</b>	3% per month at (25°C)
<b>Capacity Affected by Temp. (20HR)</b>	40°C = 102% 25°C = 100% 0°C = 85% -15°C = 65%
<b>Charge Voltage (25°C)</b>	Cycle Use = 7.2-7.35V (-30/mV/°C) Max Current = 0.39A Float Use = 6.75-6.9V (-20mV/°C)
<b>Dimensions (Nominal)</b>	Length: 97mm (3.82 in.) Width: 24mm (0.94 in.) Height: 51mm (2.01 in.) Total Height: 55mm (2.17 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.

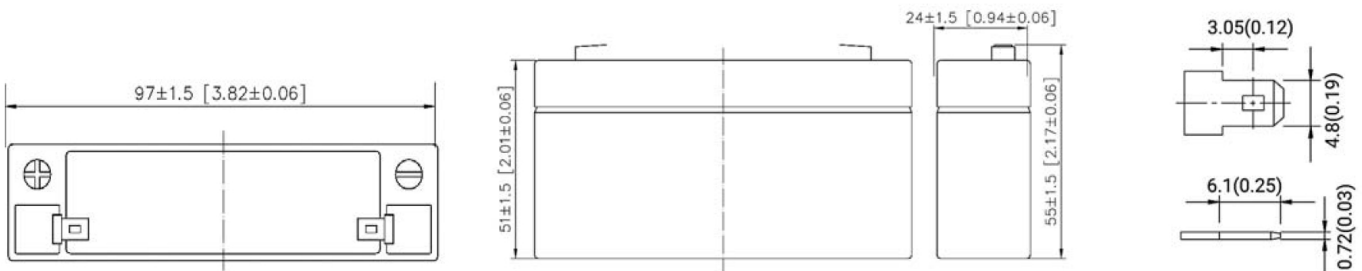


## ■ APPLICATIONS

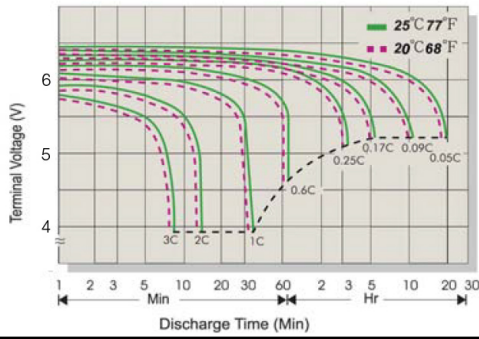
Multipurpose	Alarm & Security System	DC Power Supply
Telecommunications	Comm. Power Supply	Auto Control System
UPS	Elec. Power System (EPS)	Traffic Control Signaling
Medical Equipment	Emergency Backup Power	Emergency Lighting

## Terminal Type

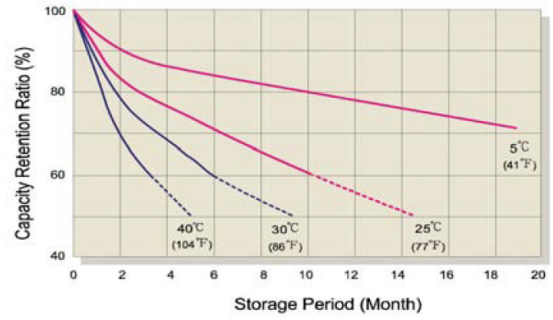
### ■ Terminal F1



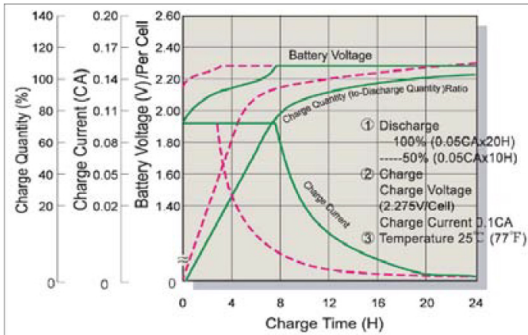
**Terminal Voltage (V) & Discharge Time**



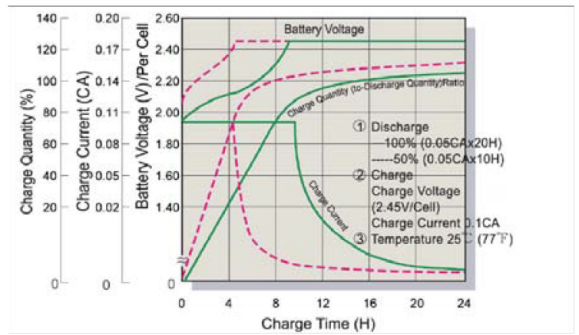
**Capacity Retention Characteristic**



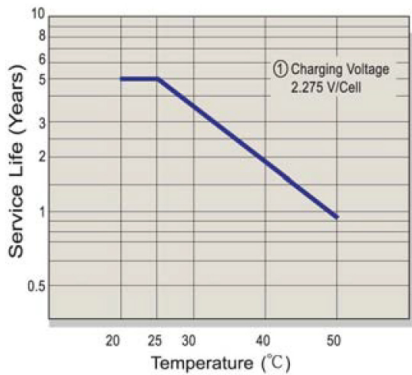
**Battery Voltage & Charge Time For Standby Use**



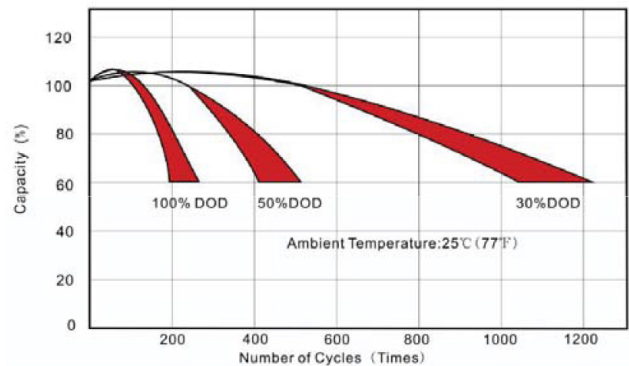
**Battery Voltage & Charge Time for Cycle Use**



**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
1.80V/cell	3.42	2.52	2.02	1.26	0.77	0.49	0.31	0.25	0.21	0.19	0.11	0.06
1.75V/cell	3.83	2.70	2.14	1.29	0.78	0.50	0.31	0.26	0.21	0.19	0.12	0.07
1.70V/cell	4.23	2.89	2.26	1.32	0.79	0.51	0.31	0.26	0.21	0.20	0.12	0.07
1.67V/cell	4.48	2.98	2.31	1.33	0.80	0.51	0.32	0.26	0.21	0.20	0.12	0.07
1.60V/cell	4.78	3.20	2.46	1.35	0.80	0.51	0.32	0.26	0.21	0.20	0.12	0.07

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

F.V/Time	5min	10min	15min	30min	1h	2h	3h	4h	5h	6h	10h	20h
1.80V/cell	7.23	5.30	4.28	2.67	1.63	1.04	0.65	0.53	0.46	0.39	0.24	0.12
1.75V/cell	8.10	5.67	4.53	2.73	1.65	1.06	0.66	0.54	0.46	0.40	0.24	0.13
1.70V/cell	8.96	5.91	4.77	2.79	1.68	1.07	0.66	0.54	0.47	0.41	0.25	0.14
1.67V/cell	9.14	6.09	4.89	2.81	1.69	1.08	0.66	0.54	0.47	0.41	0.25	0.14
1.60V/cell	9.75	6.34	5.15	2.86	1.69	1.08	0.67	0.55	0.47	0.41	0.25	0.14