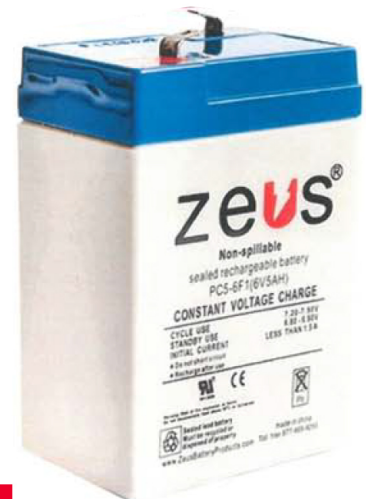


<b>Capacity (25°C)</b>	20HR (0.25A, 5.25V) = 5.00AH 10HR (0.48A, 5.25V) = 4.80AH 5HR (0.88A, 5.25) = 4.90AH 1HR (2.95A, 5.25V) = 2.95AH
<b>Operating Temperature Range</b>	Charge = 0°C to 45°C Discharge = -15°C to 50°C Storage = -15°C to 40°C
<b>Approx. Weight</b>	0.75Kg
<b>Internal Resistance</b>	Fully charged at 25°C : ≤ 25mΩ
<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 = 7.20-7.35V (-15mV/°C) Max Current = 1.50A Float Use = 6.75-6.90V (-10mV/°C)
<b>Dimensions (Nominal)</b>	Length: 70mm (2.76 in.) Width: 47mm (1.85 in.) Height: 100mm (3.94 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.

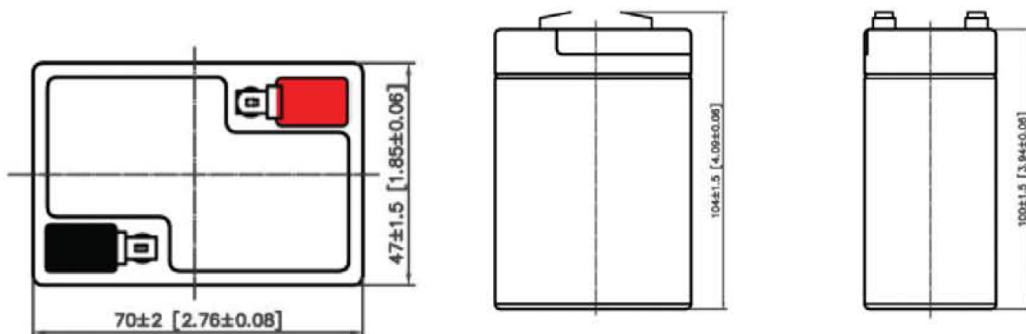
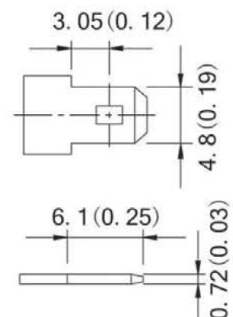


## ■ APPLICATIONS

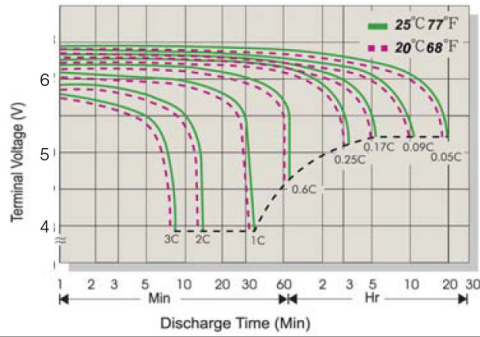
<b>Multipurpose</b>	<b>Alarm &amp; Security System</b>	<b>DC Power Supply</b>
<b>Telecommunications</b>	<b>Comm. Power Supply</b>	<b>Auto Control System</b>
<b>UPS</b>	<b>Elec. Power System (EPS)</b>	<b>Traffic Control Signaling</b>
<b>Medical Equipment</b>	<b>Emergency Backup Power</b>	<b>Emergency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

## Terminal Type

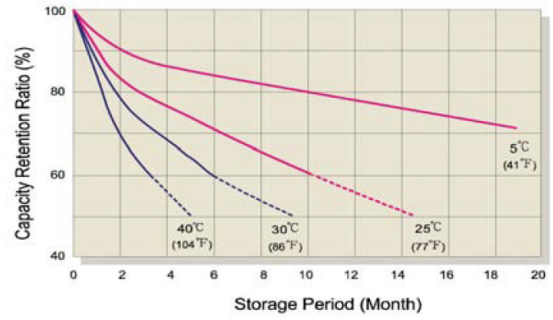
- Terminal F1



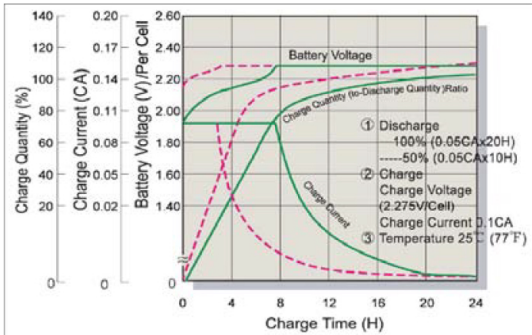
**Terminal Voltage (V) & Discharge Time**



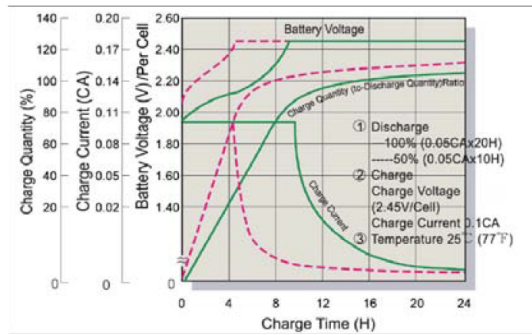
**Capacity Retention Characteristic**



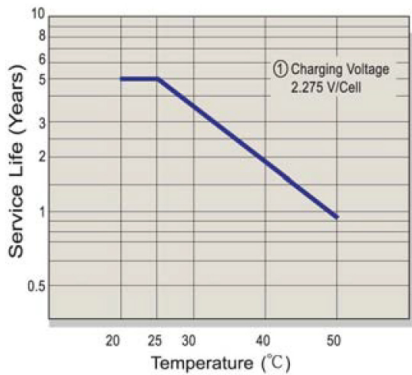
**Battery Voltage & Charge Time For Standby Use**



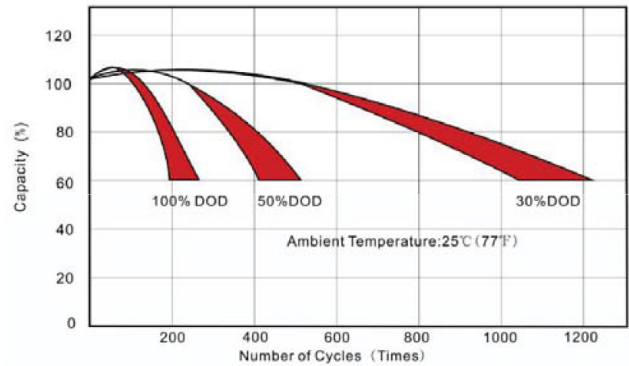
**Battery Voltage & Charge Time for Cycle Use**



**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
1.60V	19.82	12.93	9.538	5.520	3.189	1.882	1.368	1.089	0.920	0.614	0.500	0.260
1.65V	19.11	12.54	9.288	5.398	3.130	1.854	1.350	1.076	0.909	0.608	0.496	0.258
1.70V	18.18	12.04	8.959	5.238	3.052	1.818	1.326	1.058	0.895	0.600	0.489	0.255
1.75V	16.98	11.38	8.531	5.028	2.949	1.769	1.293	1.034	0.876	0.589	0.481	0.252
1.80V	15.47	10.55	7.981	4.757	2.815	1.705	1.251	1.002	0.851	0.574	0.470	0.247
1.85V	13.61	9.504	7.287	4.409	2.642	1.623	1.196	0.961	0.819	0.555	0.455	0.240

**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	34.12	22.31	16.92	10.18	6.05	3.62	2.65	2.12	1.80	1.22	1.00	0.52
1.65V	33.76	22.21	16.83	10.10	6.00	3.59	2.63	2.11	1.79	1.21	0.99	0.52
1.70V	32.47	21.56	16.37	9.86	5.87	3.53	2.59	2.08	1.76	1.19	0.98	0.51
1.75V	30.88	20.75	15.82	9.56	5.70	3.45	2.54	2.04	1.73	1.17	0.96	0.51
1.80V	28.63	19.57	15.01	9.13	5.47	3.35	2.47	1.98	1.69	1.15	0.94	0.50
1.85V	25.64	17.94	13.90	8.55	5.17	3.20	2.37	1.91	1.63	1.11	0.91	0.48