

<b>Capacity (25°C)</b>	20HR (1.30A, 10.5V) = 26.0AH 10HR (2.50A, 10.5V) = 25.0AH 5HR (4.68A, 10.5V) = 23.40AH 1HR (15.67A, 10.5V) = 15.67AH
<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>	7.25Kg
<b>Internal Resistance</b>	Fully charged at 25°C : ≤ 13.5mΩ
<b>Self Discharge</b>	2% 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 = 14.4 - 14.7V (-30mV/°C) Max Current = 7.20A Float Use = 13.5-13.8V (-20mV/°C)
<b>Dimensions (Nominal)</b>	Length: 175mm (6.89 in.) Width: 166mm (6.54 in.) Height: 125mm (4.92 in.) Total Height: 125mm (4.92 in.)

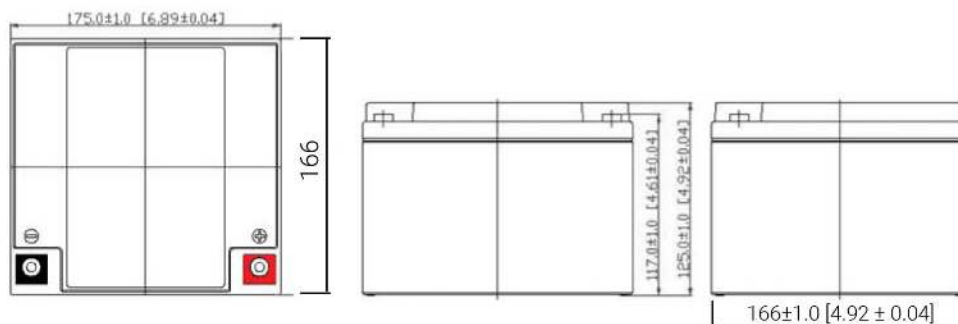
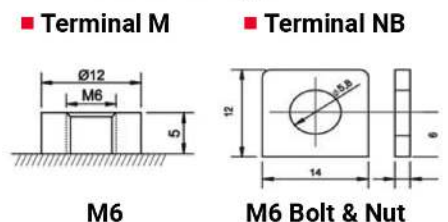
- Completely sealed, maintenance-free, low self-discharge
- State of the art AGM and grid alloy formula technology
- Non-spillable, stable quality and high reliability with excellent re-charging performance
- Floating and standby use up to: 5 years
- Cycle use: Up to 260 cycles at 100% DoD
- Cycle use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



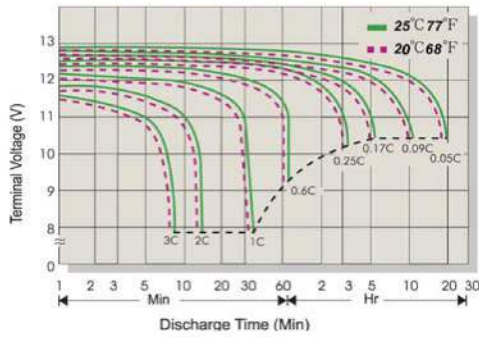
## APPLICATIONS

<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>

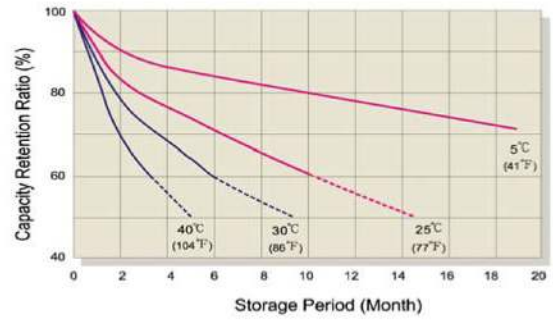
### Terminal Type



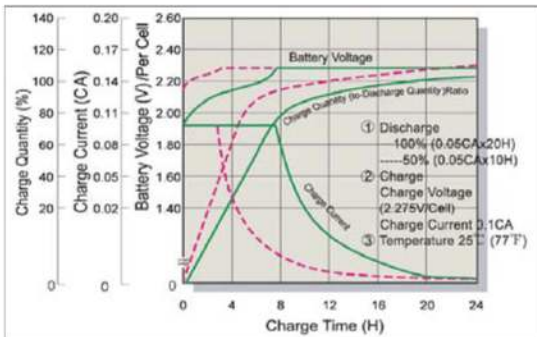
**Terminal Voltage (V) & Discharge Time**



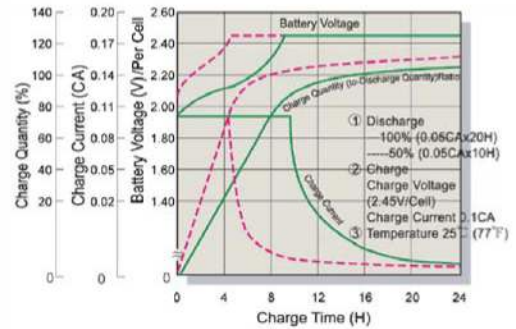
**Capacity Retention Characteristic**



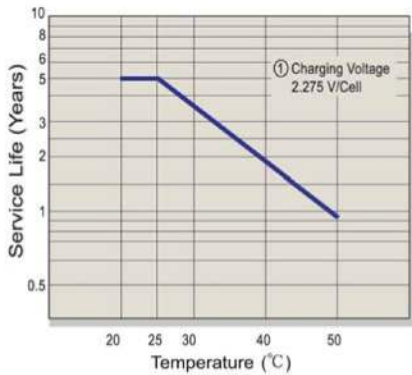
**Battery Voltage & Charge Time For Standby Use**



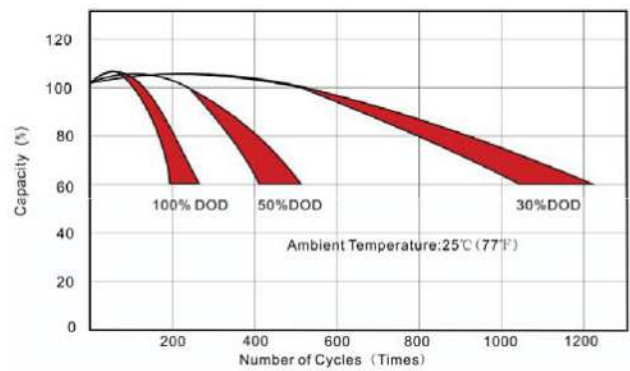
**Battery Voltage & Charge Time for Cycle Use**



**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
1.85V/Cell	85.48	50.46	39.66	25.85	15.09	8.72	6.70	5.500	4.507	3.674	2.409	1.252
1.80V/Cell	87.12	51.43	40.42	26.35	15.38	8.89	6.83	5.605	4.593	3.744	2.455	1.276
1.75V/Cell	88.75	52.39	41.18	26.84	15.67	9.06	6.95	5.710	4.679	3.815	2.501	1.300
1.70V/Cell	96.74	55.53	43.65	27.91	15.94	9.21	7.08	5.811	4.761	3.882	2.545	1.323
1.67V/Cell	106.50	60.25	47.35	29.47	16.11	9.31	7.15	5.873	4.812	3.923	2.573	1.337
1.60V/Cell	115.37	63.39	49.82	30.73	16.29	9.41	7.23	5.936	4.864	3.966	2.601	1.351

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

F.V/Time	5min	10min	15min	30min	1h	2h	3h	4h	5h	8h	10h	20h
1.85V/Cell	166.69	98.40	77.34	50.41	29.42	17.01	13.06	10.73	8.79	7.16	4.70	2.44
1.80V/Cell	169.88	100.28	78.82	51.38	29.98	17.33	13.31	10.93	8.96	7.30	4.79	2.49
1.75V/Cell	173.06	102.16	80.29	52.34	30.55	17.66	13.56	11.13	9.12	7.44	4.88	2.54
1.70V/Cell	188.64	108.29	85.11	54.43	31.08	17.97	13.80	11.33	9.28	7.57	4.96	2.58
1.67V/Cell	207.67	117.48	92.34	57.47	31.42	18.16	13.95	11.45	9.38	7.65	5.02	2.61
1.60V/Cell	224.98	123.61	97.16	59.93	31.76	18.36	14.10	11.58	9.49	7.73	5.07	2.64