

Capacity (25°C)	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
Operating Temperature Range	Charge = 0°C to 45°C Discharge = -15°C to 50°C Storage = -15°C to 40°C
Approx. Weight	7.25Kg
Internal Resistance	Fully charged at 25°C : ≤ 13.5mΩ
Self Discharge	2% 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 = 7.20A Float Use = 13.5-13.8V (-20mV/°C)
Dimensions (Nominal)	Length: 175mm (6.89 in.) Width: 166mm (6.54 in.) Height: 125mm (4.92 in.) Total Height: 125mm (4.92 in.)

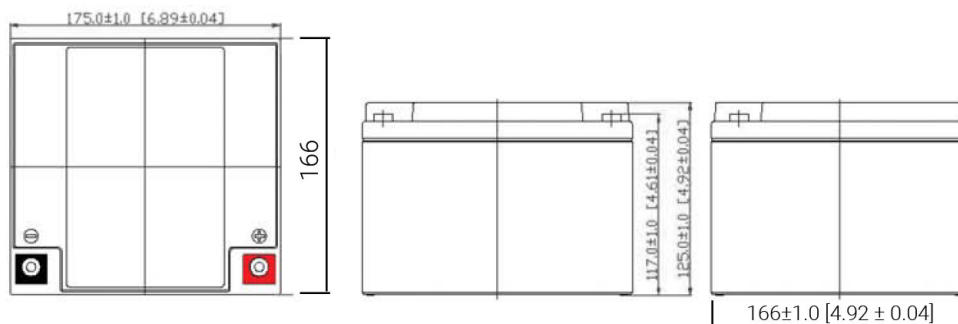
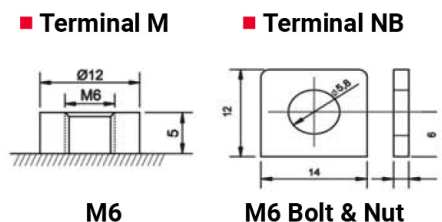
- Completely sealed, maintenance-free, low self-discharge
- State of the art AGM and grid alloy formula technology
- Non-spillable, stable quality and high reliability with excellent re-charging performance
- Floating and standby use up to: 5 years
- Cycle use: Up to 260 cycles at 100% DoD
- Cycle use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



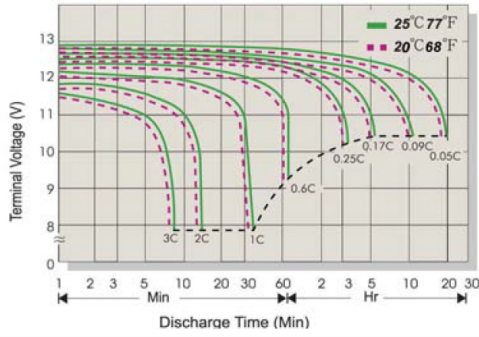
APPLICATIONS

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

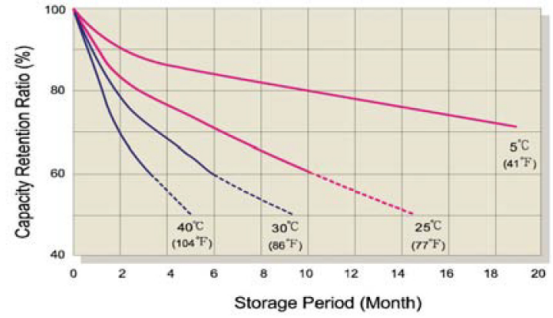
Terminal Type



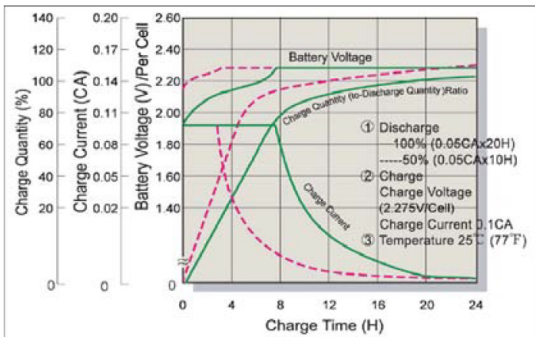
Terminal Voltage (V) & Discharge Time



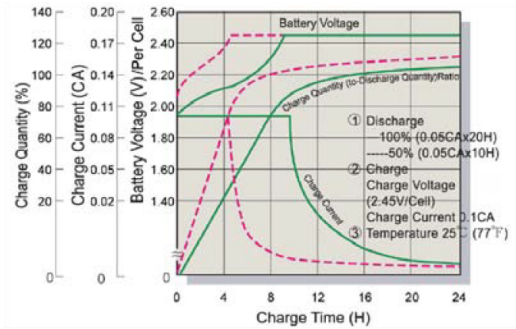
Capacity Retention Characteristic



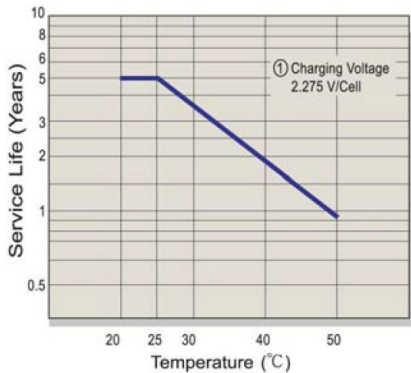
Battery Voltage & Charge Time For Standby Use



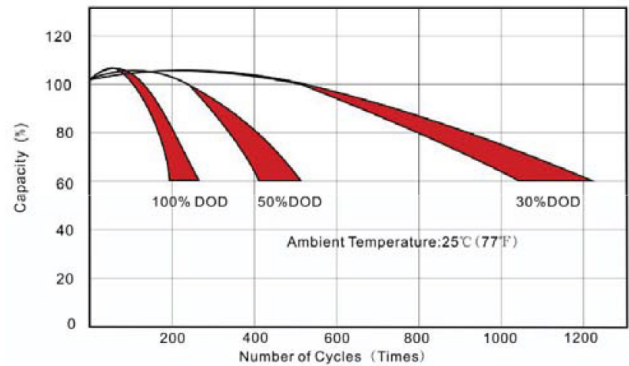
Battery Voltage & Charge Time for Cycle Use



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
1.85V/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