

Capacity (25°C)	20HR (2.12A, 10.5V) = 42.4AH 10HR (4.08A, 10.5V) = 40.8AH 5HR (7.63A, 10.5V) = 38.18AH 1HR (25.57A, 10.5V) = 25.57AH
Operating Temperature Range	Charge = 0°C to 45°C Discharge = -15°C to 50°C Storage = -15°C to 40°C
Approx. Weight	12.50Kg
Internal Resistance	Fully charged at 25°C : ≤ 10.0mΩ
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 - 14.8V (-30mV/°C) Max Current = 10.0A Float Use = 13.5-13.8V (-20mV/°C)
Dimensions (Nominal)	Length: 196mm (7.72 in.) Width: 165mm (6.50 in.) Height: 170mm (6.69 in.) Total Height: 170mm (6.69 in.)

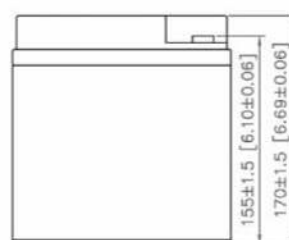
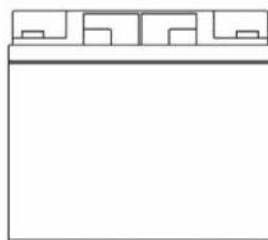
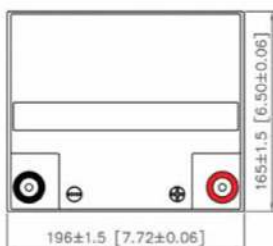
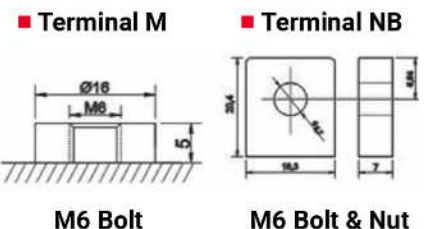
- Completely sealed, maintenance-free, low self-discharge
- State of the art AGM and grid alloy formula technology
- Non-spillable, stable quality and high reliability with excellent re-charging performance
- Floating and standby use up to: 8 years
- Cycle use: Up to 260 cycles at 100% DoD
- Cycle use : 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.



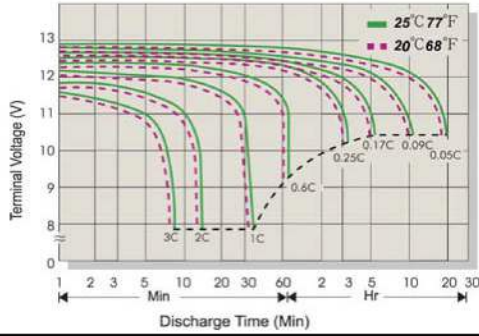
■ APPLICATIONS

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

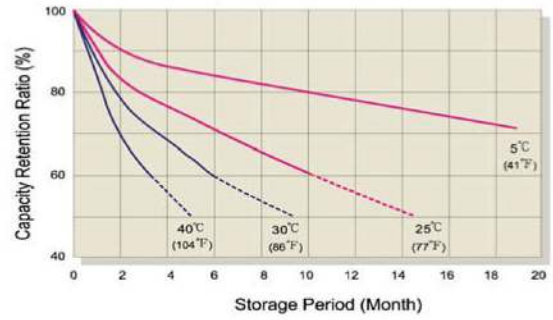
Terminal Type



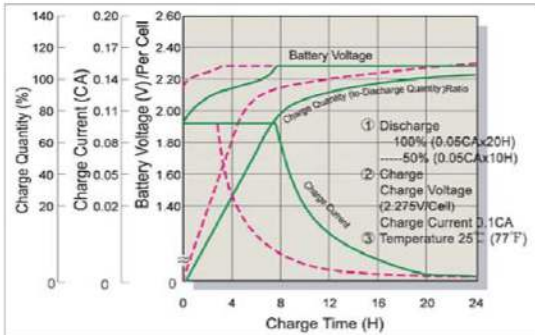
Terminal Voltage (V) & Discharge Time



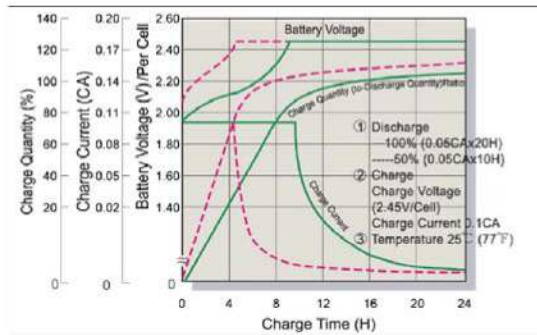
Capacity Retention Characteristic



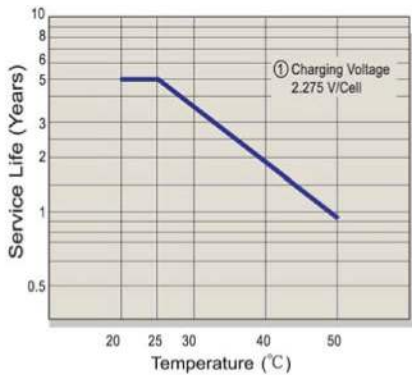
Battery Voltage & Charge Time For Standby Use



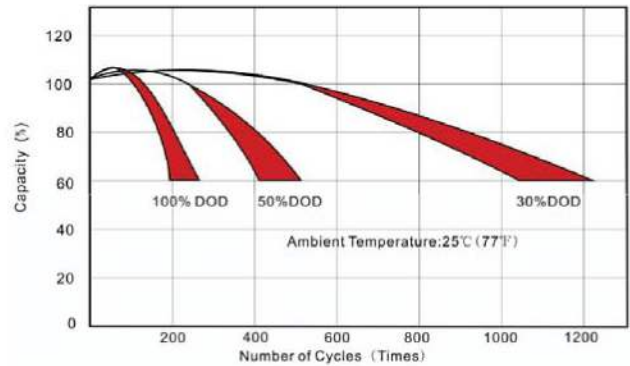
Battery Voltage & Charge Time for Cycle Use



Float Service Life



Cycle Service Life



Constant Current Discharge (A) at 25°C (77°F)

1.85V/Cell	139.51	82.35	64.73	42.19	24.62	14.23	10.93	8.976	7.355	5.996	3.930	2.044
1.80V/Cell	142.17	83.93	65.96	43.00	25.09	14.51	11.14	9.147	7.496	6.111	4.000	2.083
1.75V/Cell	144.84	85.50	67.20	43.80	25.57	14.78	11.35	9.319	7.636	6.225	4.080	2.122
1.70V/Cell	157.87	90.63	71.23	45.55	26.02	15.04	11.55	9.483	7.771	6.335	4.152	2.159
1.67V/Cell	173.81	98.33	77.28	48.10	26.29	15.20	11.67	9.585	7.854	6.403	4.196	2.182

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

1.85V/Cell	272.04	160.59	126.22	82.28	48.02	27.76	21.32	17.50	14.34	11.69	7.66	3.98
1.80V/Cell	277.24	163.66	128.63	83.85	48.94	28.29	21.72	17.84	14.62	11.92	7.80	4.06
1.75V/Cell	282.44	166.73	131.04	85.42	49.85	28.82	22.13	18.17	14.89	12.14	7.96	4.14
1.70V/Cell	307.86	176.73	138.90	88.83	50.73	29.33	22.52	18.49	15.15	12.35	8.10	4.21
1.67V/Cell	338.92	191.73	150.70	93.79	51.27	29.64	22.76	18.69	15.32	12.49	8.18	4.26