

Capacity (25°C)	20HR (2.90A, 10.8V) = 58.0AH 10HR (5.50A, 10.5V) = 55.0AH 5HR (10.70A, 10.5V) = 53.5AH 1HR (35.30A, 10.5V) = 35.30AH
Operating Temperature Range	Charge = 0°C to 45°C Discharge = -15°C to 50°C Storage = -15°C to 40°C
Approx. Weight	16.50Kg
Internal Resistance	Fully charged at 25°C : ≤ 12mΩ
Self Discharge	3% 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 (-30/mV/°C) Max Current = 16.5A Float Use = 13.5-13.8V (-20mV/°C)
Dimensions (Nominal)	Length: 230mm (9.06 in.) Width: 137mm (5.39 in.) Height: 210mm (8.27 in.) Total Height: 228mm (8.48 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

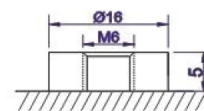
Multipurpose
Telecommunications
UPS
Medical Equipment

Alarm & Security System
Comm. Power Supply
Elec. Power System (EPS)
Emergency Backup Power

DC Power Supply
Auto Control System
Traffic Control Signaling
Emergency Lighting

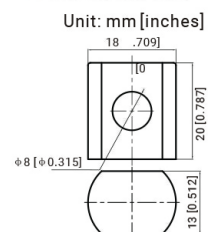
Terminal Type

■ Terminal M

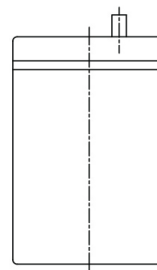
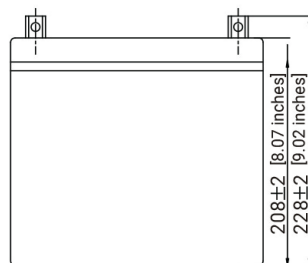
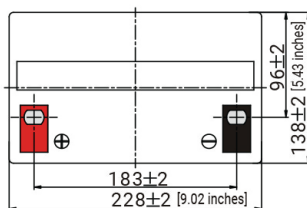


M6 Bolt

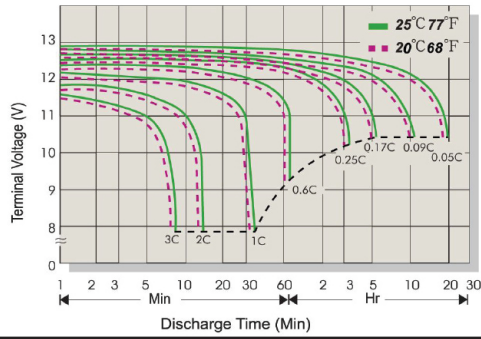
■ Terminal NB



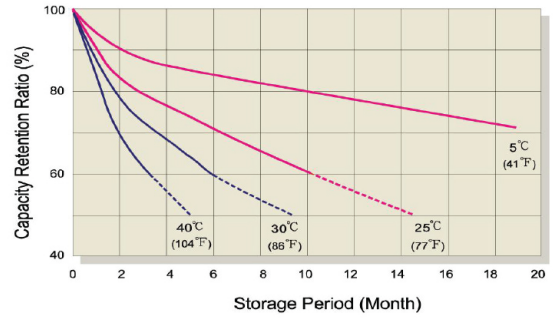
M6 Bolt & Nut



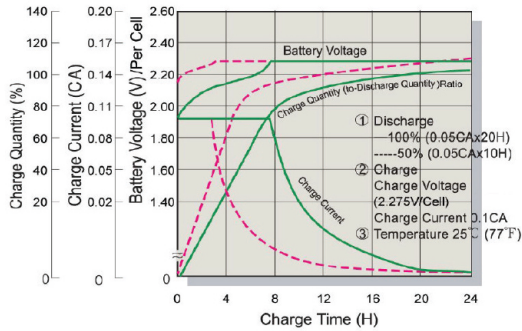
Terminal Voltage (V) & Discharge Time



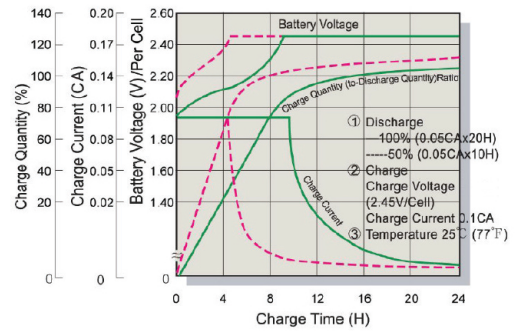
Capacity Retention Characteristic



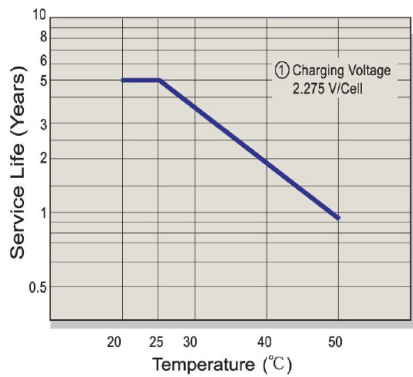
Battery Voltage & Charge Time For Standby Use



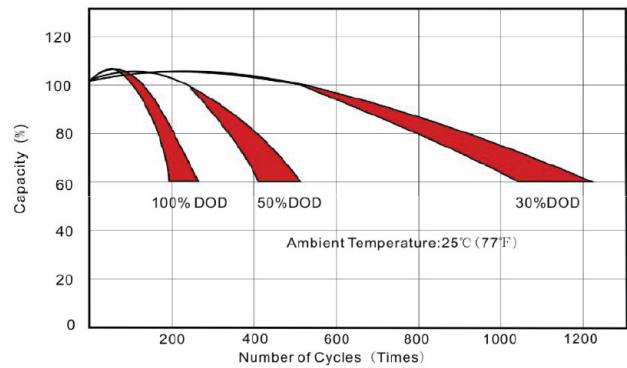
Battery Voltage & Charge Time for Cycle Use



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
1.85V/Cell	195.5	115.4	90.7	59.1	34.5	19.95	15.32	12.58	10.31	8.40	5.40	2.86
1.80V/Cell	199.2	117.6	92.4	60.3	35.2	20.33	15.61	12.82	10.51	8.56	5.50	2.92
1.75V/Cell	203.0	119.8	94.2	61.4	35.8	20.71	15.90	13.06	10.70	8.72	5.61	2.97
1.70V/Cell	221.3	127.0	99.8	63.8	36.5	21.08	16.18	13.29	10.89	8.88	5.71	3.03
1.67V/Cell	243.6	137.8	108.3	67.4	36.8	21.30	16.36	13.43	11.01	8.97	5.77	3.06

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

F.V/Time	5min	10min	15min	30min	1h	2h	3h	4h	5h	6h	10h	20h
1.85V/Cell	381.3	225.1	176.9	115.3	67.29	38.90	29.87	24.53	20.10	16.39	10.54	5.58
1.80V/Cell	388.5	229.4	180.3	117.5	68.58	39.64	30.44	25.00	20.48	16.70	10.73	5.69
1.75V/Cell	395.8	233.7	183.6	119.7	69.87	40.39	31.01	25.47	20.87	17.01	10.94	5.80
1.70V/Cell	431.4	247.7	194.7	124.5	71.09	41.10	31.56	25.92	21.24	17.31	11.13	5.90
1.67V/Cell	475.0	268.7	211.2	131.4	71.86	41.54	31.90	26.19	21.46	17.50	11.25	5.96