

Capacity (25°C)	20HR (0.36A, 10.5V) = 7.20AH 10HR (0.69A, 10.5V) = 6.90AH 5HR (1.30A, 10.5V) = 6.50AH 1HR (4.31A, 10.5V) = 4.31AH
Operating Temperature Range	Charge = 0°C to 45°C Discharge = -15°C to 50°C Storage = -15°C to 40°C
Approx. Weight	2.18Kg
Internal Resistance	Fully charged at 25°C : ≤ 32mΩ
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 - 14.70V (-30mV/°C) Max Current = 2.16A Float Use = 13.5-13.8V (-20mV/°C)
Dimensions (Nominal)	Length: 151mm (5.94 in.) Width: 65mm (2.56 in.) Height: 94mm (3.70 in.) Total Height: 98mm (3.86 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.

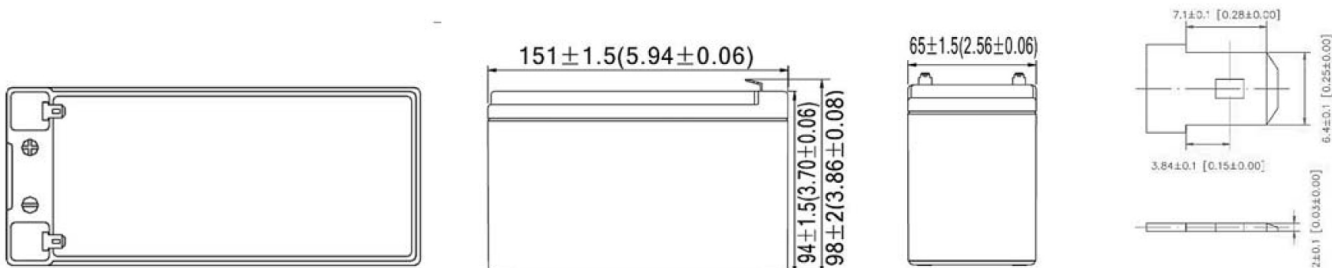


■ APPLICATIONS

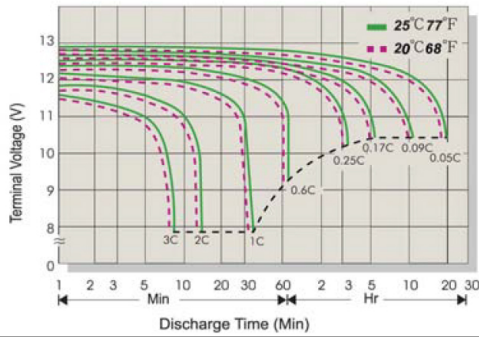
Multipurpose	Alarm & Security System	DC Power Supply
Telecommunications	Comm. Power Supply	Auto Control System
UPS	Elec. Power System (EPS)	Traffic Control Signaling
Medical Equipment	Emergency Backup Power	Emergency Lighting

Terminal Type

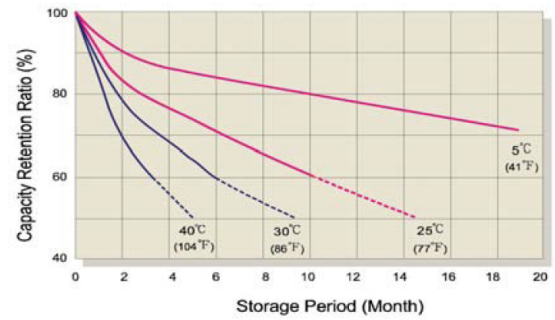
■ Terminal F2



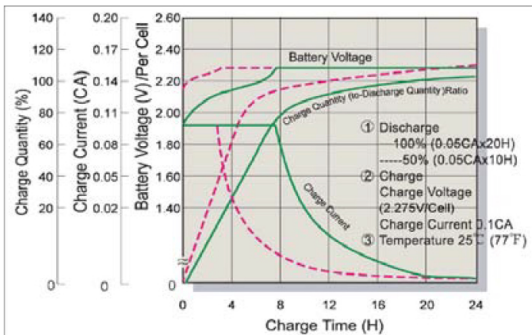
Terminal Voltage (V) & Discharge Time



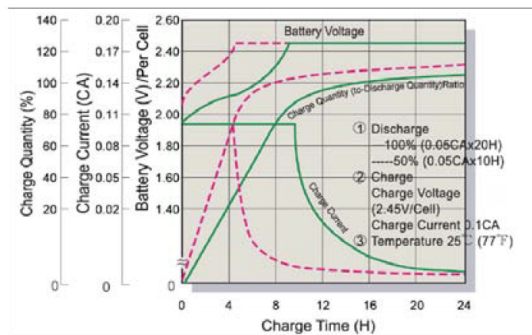
Capacity Retention Characteristic



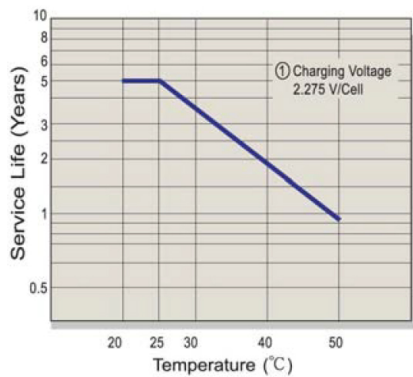
Battery Voltage & Charge Time For Standby Use



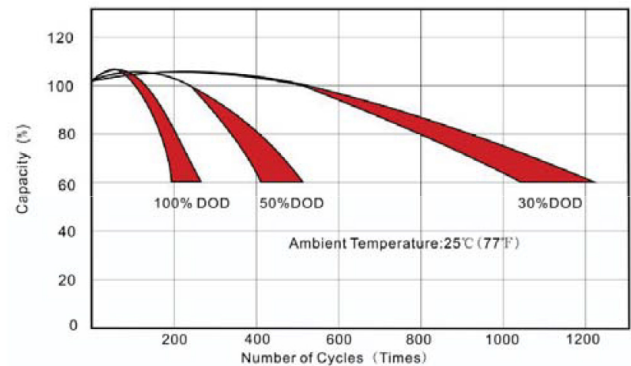
Battery Voltage & Charge Time for Cycle Use



Float Service Life



Cycle Service Life



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

1.85V/Cell	19.86	14.67	10.64	7.16	4.15	2.38	1.82	1.454	1.248	1.017	0.667	0.347
1.80V/Cell	20.24	14.95	10.84	7.30	4.23	2.43	1.85	1.481	1.272	1.037	0.680	0.353
1.75V/Cell	20.62	15.23	11.04	7.43	4.31	2.47	1.89	1.509	1.296	1.056	0.693	0.360
1.70V/Cell	22.47	16.14	11.71	7.73	4.39	2.52	1.92	1.536	1.319	1.075	0.705	0.366
1.67V/Cell	24.74	17.51	12.70	8.16	4.44	2.54	1.94	1.552	1.333	1.086	0.712	0.370
1.60V/Cell	26.80	18.43	13.36	8.51	4.48	2.57	1.96	1.569	1.347	1.098	0.720	0.374

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

1.85V/Cell	38.72	28.60	20.74	13.96	8.10	4.64	3.55	2.83	2.43	1.98	1.30	0.68
1.80V/Cell	39.46	29.15	21.14	14.23	8.26	4.73	3.62	2.89	2.48	2.02	1.33	0.69
1.75V/Cell	40.20	29.69	21.53	14.49	8.41	4.82	3.68	2.94	2.53	2.06	1.35	0.70
1.70V/Cell	43.82	31.48	22.83	15.07	8.56	4.90	3.75	2.99	2.57	2.10	1.37	0.71
1.67V/Cell	48.24	34.15	24.76	15.91	8.65	4.96	3.79	3.03	2.60	2.12	1.39	0.72
1.60V/Cell	52.26	35.93	26.06	16.60	8.74	5.01	3.83	3.06	2.63	2.14	1.40	0.73