

Capacity (25°C)	20HR (0.200A, 5.25V) = 4.00AH 10HR (0.385A, 5.25V) = 3.85AH 5HR (0.72A, 5.25V) = 3.60AH 1HR (2.40A, 5.25V) = 2.40AH
Operating Temperature Range	Charge = 0°C to 45°C Discharge = -15°C to 50°C Storage = -15°C to 40°C
Approx. Weight	0.65Kg
Internal Resistance	Fully charged at 25°C : ≤ 28mΩ
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 = 7.20-7.35V (-15mV/°C) Max Current = 1.20A Float Use = 6.75-6.90V (-10mV/°C)
Dimensions (Nominal)	Length: 70mm (2.76 in.) Width: 47mm (1.85 in.) Height: 99mm (3.90 in.) Total Height: 105mm (4.13 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.

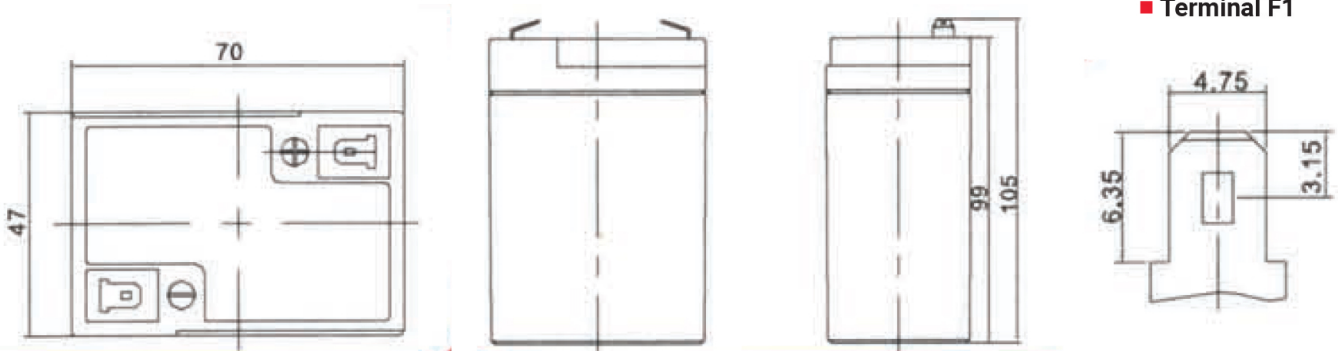


■ APPLICATIONS

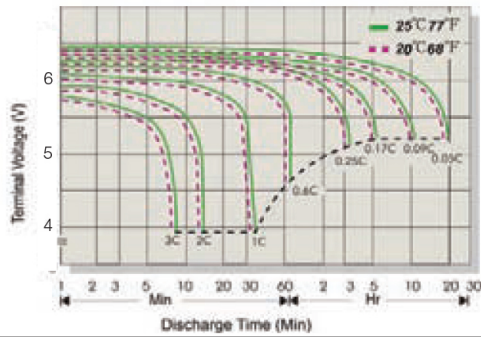
Multipurpose	Alarm & Security System	DC Power Supply
Telecommunications	Comm. Power Supply	Auto Control System
UPS	Elec. Power System (EPS)	Traffic Control Signaling
Medical Equipment	Emergency Backup Power	Emergency Lighting

Terminal Type

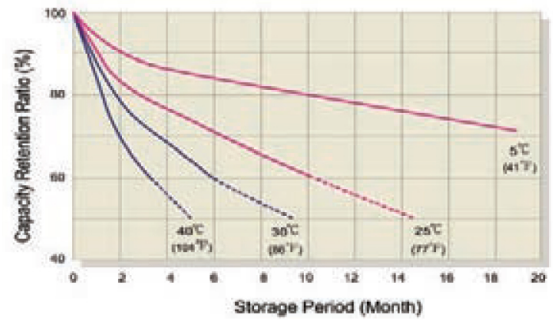
- Terminal F1



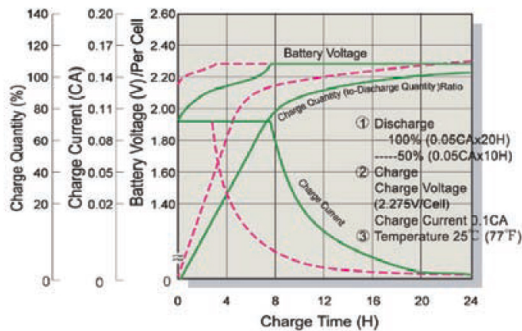
Terminal Voltage (V) & Discharge Time



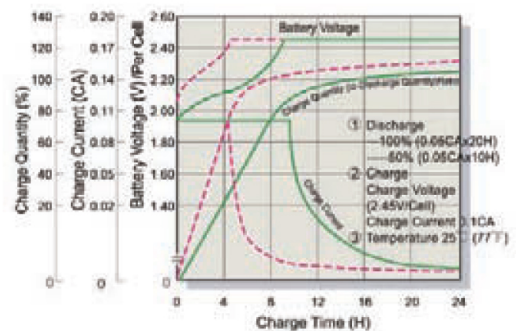
Capacity Retention Characteristic



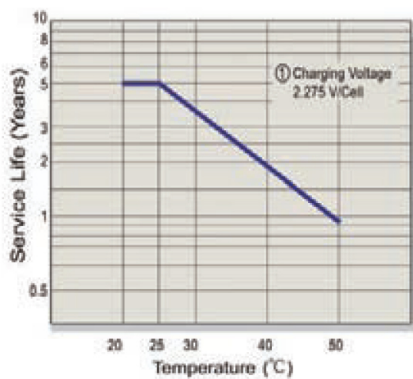
Battery Voltage & Charge Time For Standby Use



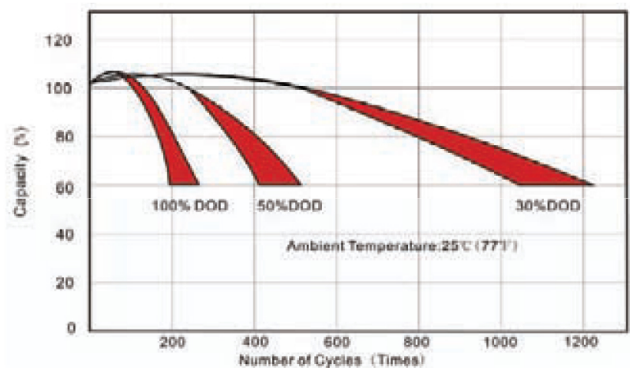
Battery Voltage & Charge Time for Cycle Use



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	11.42	8.53	6.29	3.98	2.31	1.32	1.01	0.808	0.693	0.565	0.371	0.193
1.80V/Cell	11.64	8.70	6.41	4.05	2.35	1.35	1.03	0.823	0.707	0.576	0.378	0.196
1.75V/Cell	11.85	8.86	6.53	4.13	2.40	1.37	1.05	0.838	0.720	0.587	0.385	0.200
1.70V/Cell	12.92	9.39	6.93	4.29	2.44	1.40	1.07	0.853	0.733	0.597	0.392	0.204
1.67V/Cell	14.22	10.19	7.52	4.53	2.46	1.41	1.08	0.862	0.740	0.604	0.396	0.206
1.60V/Cell	15.41	10.72	7.91	4.73	2.49	1.43	1.09	0.872	0.748	0.610	0.400	0.208

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	26.89	19.11	14.87	9.23	5.44	3.18	2.42	1.92	1.60	1.36	0.89	0.47
1.80V/Cell	27.40	19.48	15.16	9.40	5.54	3.24	2.46	1.96	1.63	1.39	0.91	0.48
1.75V/Cell	27.92	19.84	15.44	9.58	5.65	3.30	2.51	2.00	1.66	1.42	0.92	0.49
1.70V/Cell	30.43	21.03	16.37	9.96	5.74	3.36	2.55	2.03	1.69	1.44	0.94	0.50
1.67V/Cell	33.50	22.82	17.76	10.52	5.81	3.39	2.58	2.05	1.70	1.46	0.95	0.50
1.60V/Cell	36.29	24.01	18.68	10.97	5.87	3.43	2.61	2.07	1.72	1.47	0.96	0.51