

Capacity (25°C)	20HR (0.16A, 10.5V) = 3.2AH 10HR (0.31A, 10.5V) = 3.1AH 5HR (0.58A, 10.5V) = 2.9AH 1HR (1.92A, 10.5V) = 1.92AH
Operating Temperature Range	Charge = 0°C to 45°C Discharge = -15°C to 50°C Storage = -15°C to 40°C
Approx. Weight	0.63Kg
Internal Resistance	Fully charged at 25°C : ≤ 65mΩ
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 (-15/mV/°C) Max Current = 1.0A Float Use = 6.75-6.90V (-10mV/°C)
Dimensions (Nominal)	Length: 125mm (4.92 in.) Width: 34mm (1.34 in.) Height: 60.0mm (2.36 in.) Total Height: 67.6mm (2.66 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.

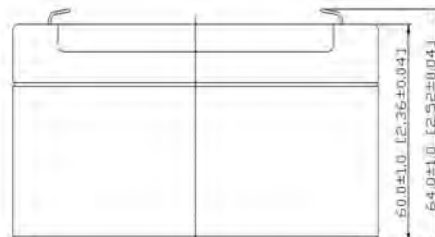
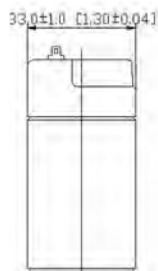
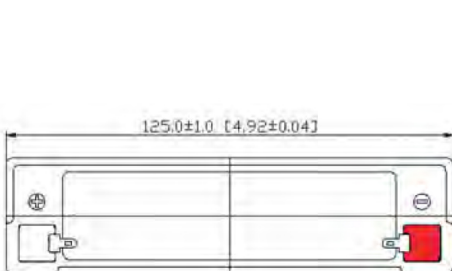


■ APPLICATIONS

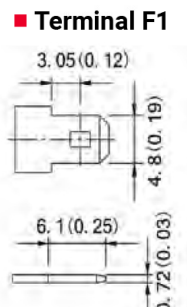
Multipurpose
Telecommunications
UPS
Medical Equipment

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

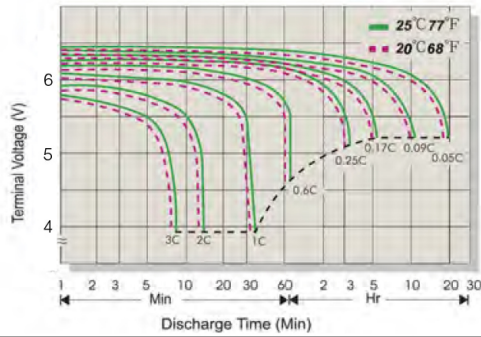
DC Power Supply
Auto Control System
Traffic Control Signaling
Emergency Lighting



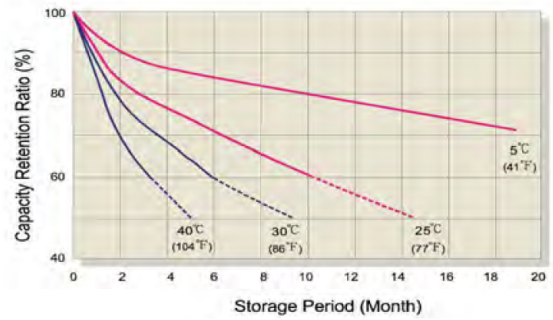
Terminal Type



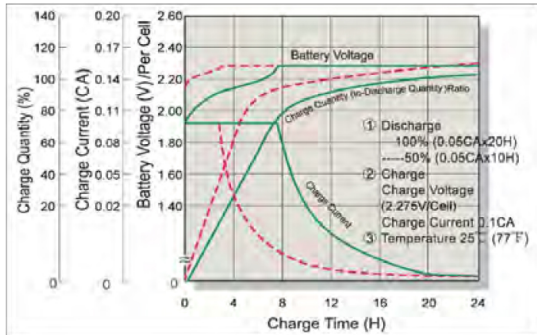
Terminal Voltage (V) & Discharge Time



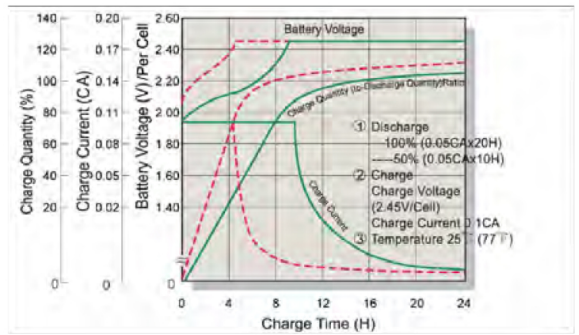
Capacity Retention Characteristic



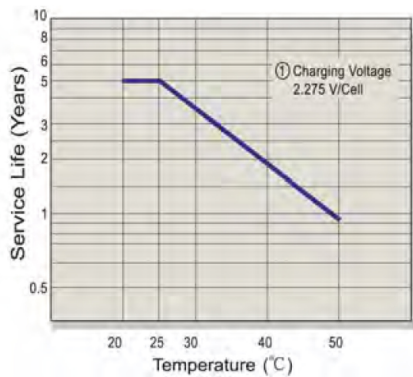
Battery Voltage & Charge Time For Standby Use



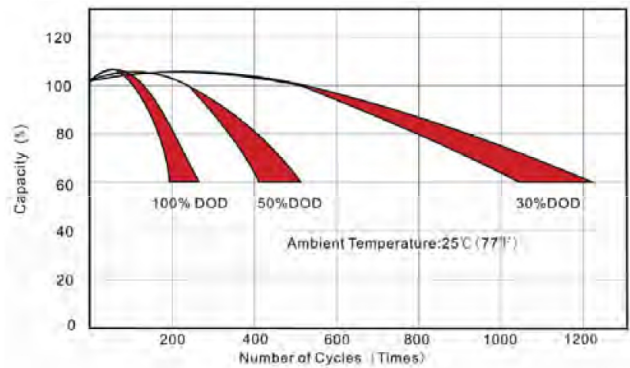
Battery Voltage & Charge Time for Cycle Use



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	8.83	6.52	4.73	3.18	1.85	1.06	0.81	0.646	0.555	0.452	0.297	0.154
1.80V	8.99	6.64	4.82	3.24	1.88	1.08	0.82	0.658	0.565	0.461	0.302	0.157
1.75V	9.16	6.77	4.91	3.30	1.92	1.10	0.84	0.671	0.576	0.469	0.308	0.160
1.70V	9.99	7.17	5.20	3.44	1.95	1.12	0.85	0.683	0.586	0.478	0.313	0.163
1.67V	11.00	7.78	5.64	3.63	1.97	1.13	0.86	0.690	0.592	0.483	0.317	0.165
1.60V	11.91	8.19	5.94	3.78	1.99	1.14	0.87	0.697	0.599	0.488	0.320	0.166

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	17.21	12.71	9.22	6.20	3.60	2.06	1.58	1.26	1.08	0.88	0.58	0.30
1.80V/Cell	17.54	12.95	9.39	6.32	3.67	2.10	1.61	1.28	1.10	0.90	0.59	0.31
1.75V/Cell	17.87	13.20	9.57	6.44	3.74	2.14	1.64	1.31	1.12	0.92	0.60	0.31
1.70V/Cell	19.48	13.99	10.14	6.70	3.80	2.18	1.67	1.33	1.14	0.93	0.61	0.32
1.67V/Cell	21.44	15.18	11.01	7.07	3.84	2.20	1.68	1.35	1.15	0.94	0.62	0.32
1.60V/Cell	23.23	15.97	11.58	7.38	3.89	2.23	1.70	1.36	1.17	0.95	0.62	0.32