

<b>Capacity (25°C)</b>	20HR (3.70A, 10.5V) = 74.0AH 10HR (7.17A, 10.5V) = 71.7AH 5HR (12.4A, 10.5V) = 62.0AH 1HR (39.9A, 10.5V) = 39.9AH
<b>Operating Temperature Range</b>	Charge = 0°C to 45°C Discharge = -15°C to 50°C Storage = -15°C to 40°C
<b>Approx. Weight</b>	21.60Kg
<b>Internal Resistance</b>	Fully charged at 25°C : ≤ 7.0mΩ
<b>Self Discharge</b>	2% per month at (25°C)
<b>Capacity Affected by Temp. (20HR)</b>	40°C = 102% 25°C = 100% 0°C = 85% -15°C = 65%
<b>Charge Voltage (25°C)</b>	Cycle Use = 14.4 - 14.7V (-30mV/°C) Max Current = 13.5A Float Use = 13.5-13.8V (-20mV/°C)
<b>Dimensions (Nominal)</b>	Length: 260mm (10.24 in.) Width: 169mm (6.65 in.) Height: 211mm (8.31 in.) Total Height: 216mm (8.50 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.

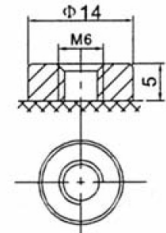
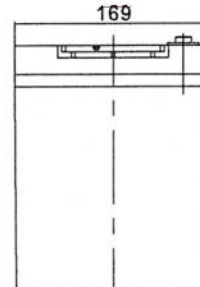
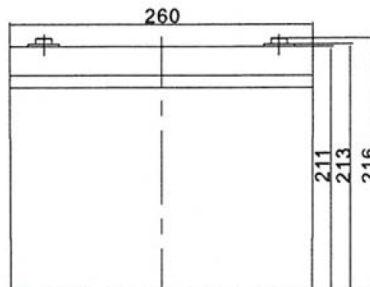
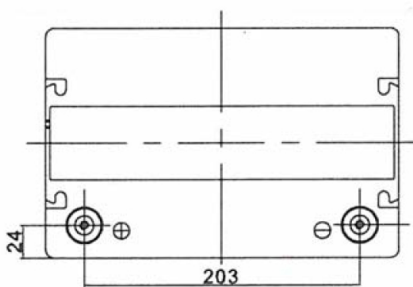


## ■ APPLICATIONS

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

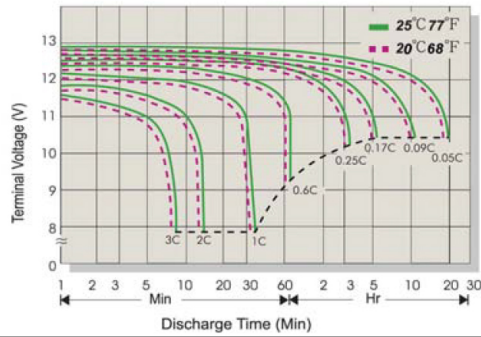
## Terminal Type

- Terminal M

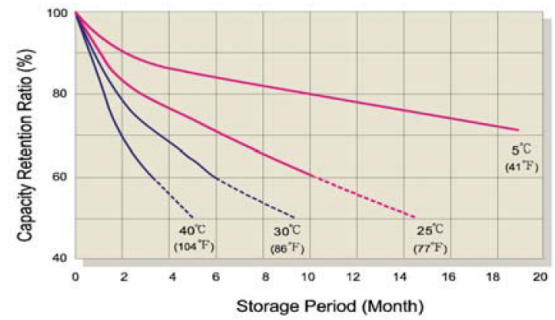


M6 Bolt

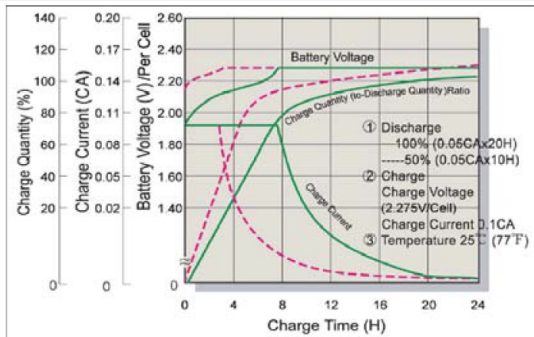
## Terminal Voltage (V) & Discharge Time



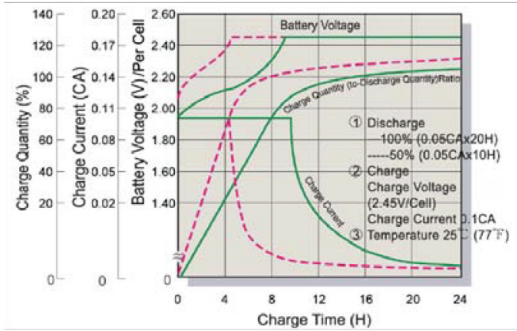
## Capacity Retention Characteristic



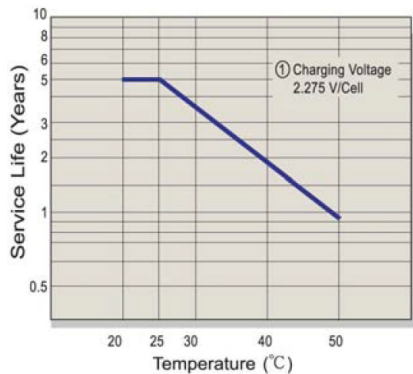
## Battery Voltage & Charge Time For Standby Use



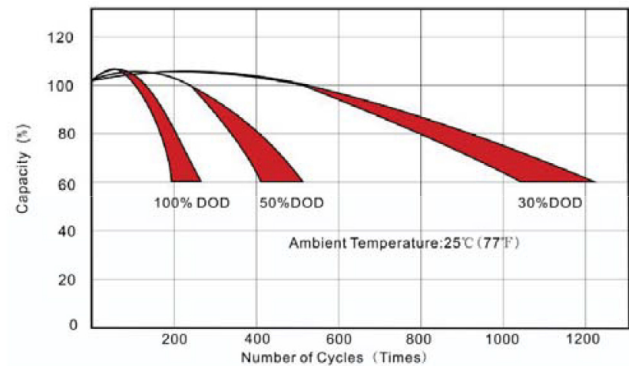
## Battery Voltage & Charge Time for Cycle Use



## Float Service Life



## Cycle Service Life



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

F.V/Time	10min	15min	30min	1h	2h	3h	4h	5h	8h	10h	20h
1.60V	166.8	125.6	73.4	43.1	25.8	19.0	15.4	13.1	8.76	7.46	3.83
1.65V	161.8	122.3	71.8	42.3	25.4	18.7	15.3	12.9	8.67	7.39	3.80
1.70V	155.3	118.0	69.7	41.2	24.9	18.4	15.0	12.7	8.55	7.30	3.76
1.75V	146.9	112.4	66.9	39.9	24.3	17.9	14.7	12.4	8.39	7.17	3.70
1.80V	136.1	105.1	63.3	38.0	23.4	17.3	14.2	12.1	8.19	7.00	3.63
1.85V	122.6	96.0	58.7	35.7	22.3	16.6	13.6	11.6	7.91	6.78	3.53

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

F.V/Time	10min	15min	30min	1h	2h	3h	4h	5h	8h	10h	20h
1.60V	287.8	292.9	135.4	81.8	49.7	36.8	30.1	25.5	17.4	14.9	7.65
1.65V	286.6	221.6	134.4	81.1	49.3	36.5	29.9	25.4	17.2	14.8	7.60
1.70V	278.1	215.7	131.1	79.4	48.5	35.9	29.4	25.0	17.0	14.6	7.53
1.75V	267.8	208.4	127.2	77.1	47.4	35.2	28.9	24.6	16.7	14.4	7.43
1.80V	252.4	197.7	121.5	73.9	45.9	34.2	28.1	24.0	16.4	14.0	7.29
1.85V	231.5	183.0	113.8	69.9	43.9	32.8	27.1	23.1	15.9	13.6	7.11