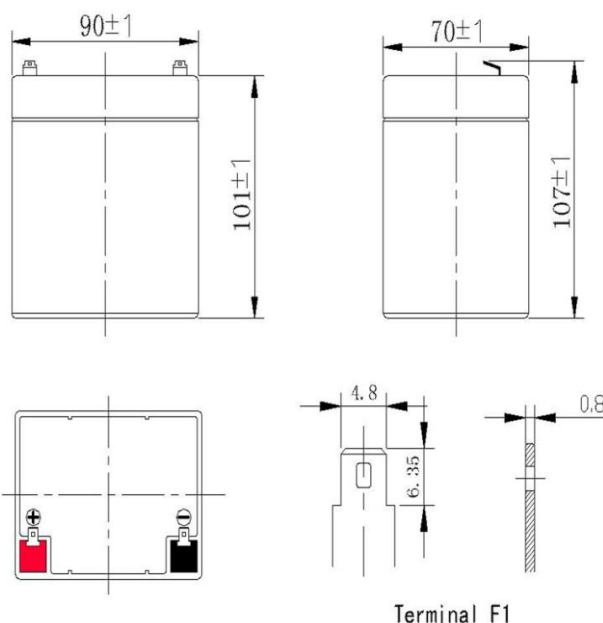


## General Feature

- Absorbent Glass Mat(AGM) technology for efficient gas recombination of up to 99% and freedom from electrolyte maintenance or water adding.
- Not restricted for air transport-complies with IATA/ICAO Special Provision A67.
- UL-recognized component.
- Can be mounted in any orientation.
- Computer designed lead, calcium tin alloy grid for high power density.
- Long service life, float or cyclic applications.
- Maintenance-free operation.
- Low self discharge.



## SPECIFICATION

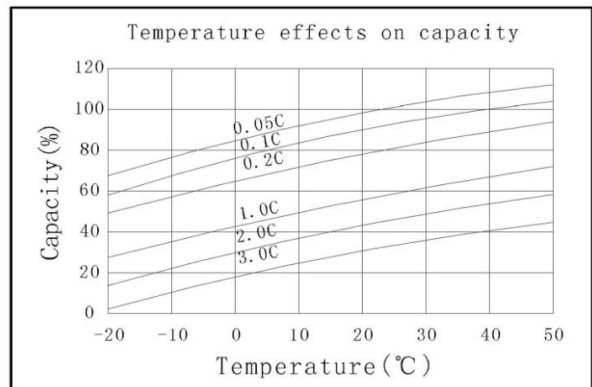
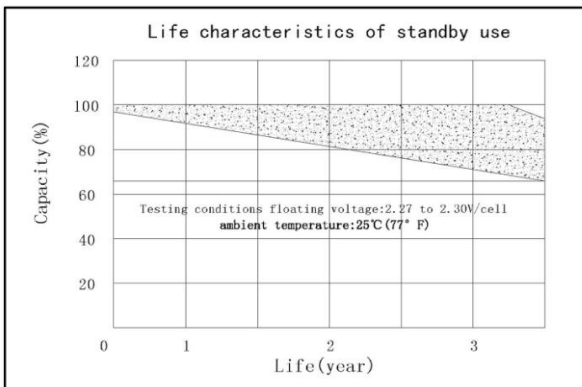
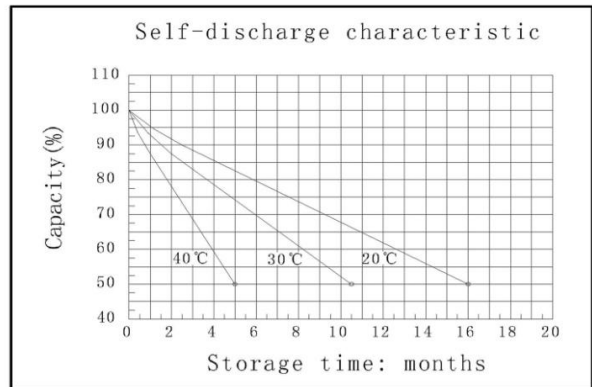
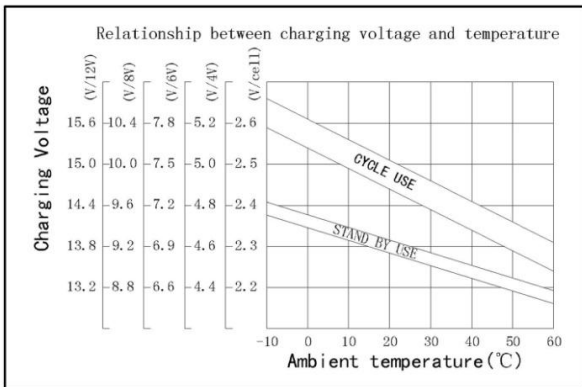
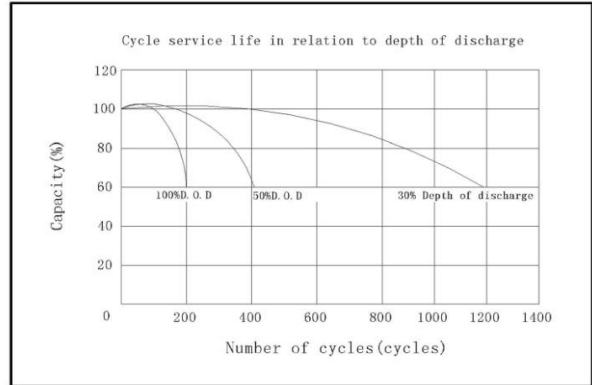
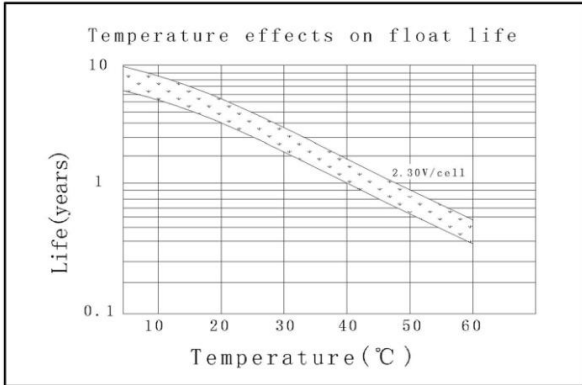
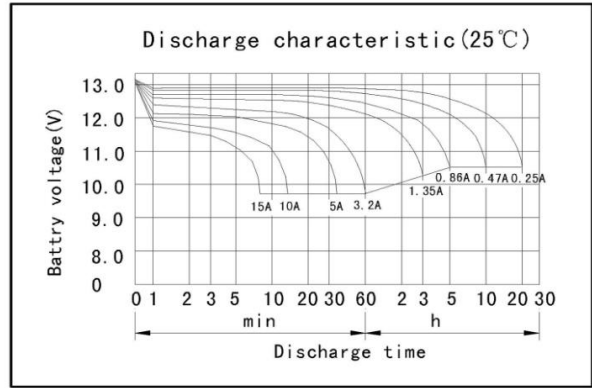
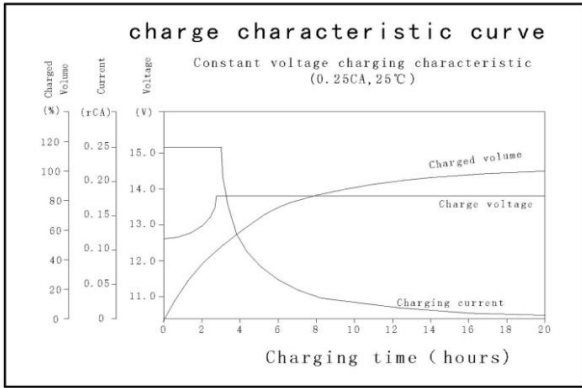
Nominal voltage .....	12V
Number of cell .....	6
Length(mm/inch) .....	90/3.54
Width(mm/inch) .....	70/2.76
Height(mm/inch) .....	101/3.98
Total Height(mm/inch) .....	107/4.21
Approx. Weight(kg/lbs) .....	1.62/3.57

## Battery Construction

Component	Positive plate	Negative plate	Container	Cover	Safety valve	Terminal	Separator	Electrolyte
Raw material	Lead dioxide	Lead	ABS	ABS	Rubber	Copper	Fiberglass	Sulfuric acid

## Performance Characteristics

Capacity 77°F(25°C)	20 hours rate(0.25A 10.5V)	5.0Ah
	10 hours rate(0.47A 10.5V)	4.7Ah
	5 hours rate(0.86A 10.5V)	4.3Ah
	1 hour rate(3.2A 9.6V)	3.2Ah
Internal Resistance	Full charged battery 77°F(25°C):25mΩ	
Capacity affected by Temperature (20 hour rate)	104°F(40°C)	102%
	77°F(25°C)	100%
	32°F(10°C)	85%
	5°F(-15°C)	65%
Self-Discharge 68°F(20°C)	Capacity after 3 month storage	90%
	Capacity after 6 month storage	80%
	Capacity after 12 month storage	60%
Max discharge current 77°F(25°C):75A(5S)		
Charge (Constant Voltage)	Float:13.6 to 13.8V/77°F/(25°C)	
	Cycle:14.5 to 14.9V/77°F/(25°C)	
	Max Current:1.25A	



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

End Point Volts/Cell	5min	10min	15min	30min	1h	3h	5h	10h	20h
1.60V	16.8	13.5	10.0	5.22	3.20	1.43	0.91	0.50	0.27
1.65V	15.9	12.9	9.55	5.01	3.08	1.40	0.90	0.49	0.26
1.70V	15.0	12.2	9.10	4.79	2.96	1.35	0.88	0.48	0.25
1.75V	14.0	11.5	8.60	4.56	2.83	1.30	0.86	0.47	0.25
1.80V	13.0	10.8	8.10	4.31	2.70	1.24	0.82	0.45	0.24

(Note)The above characteristics data are average values obtained Within three charge/discharge cycles not the minimum values.

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

End Point Volts/Cell	5min	10min	15min	30min	45min	1h	2h	3h	5h
1.60V	33.3	23.2	18.2	10.4	7.74	6.40	3.65	2.63	1.77
1.65V	31.3	21.9	17.2	9.90	7.38	6.13	3.54	2.57	1.73
1.70V	29.2	20.5	16.2	9.36	7.01	5.85	3.42	2.50	1.70
1.75V	27.2	19.2	15.2	8.82	6.63	5.56	3.29	2.42	1.66
1.80V	25.2	17.8	14.2	8.27	6.25	5.26	3.15	2.34	1.62

(Note)The above characteristics data are average values obtained Within three charge/discharge cycles not the minimum values.