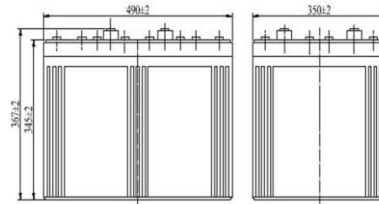


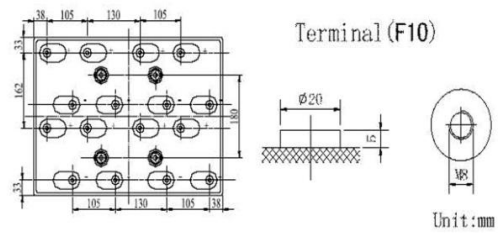
## General Feature

- 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 .....	2V
Number of cell .....	1
Length(mm/inch) .....	490/19.3
Width(mm/inch) .....	350/13.8
Height(mm/inch) .....	345/13.6
Total Height(mm/inch) .....	382/15.04
Approx.Weight(kg/lbs) .....	140/308.6



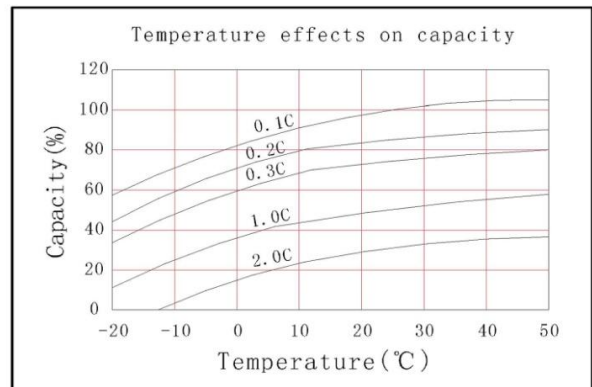
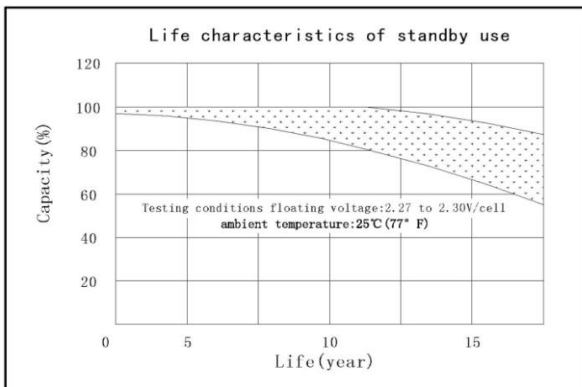
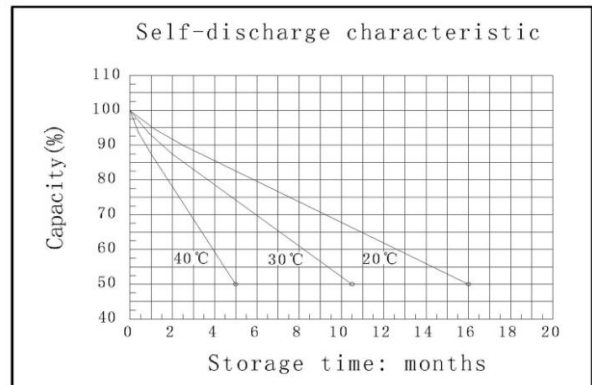
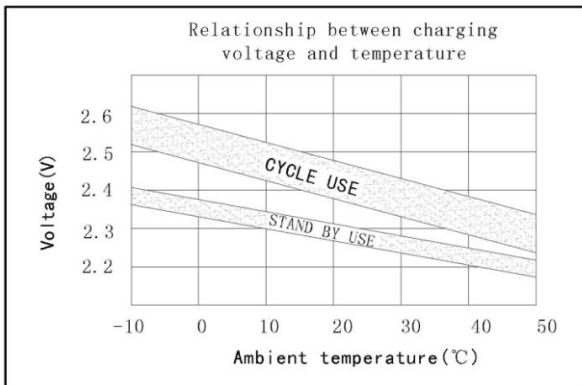
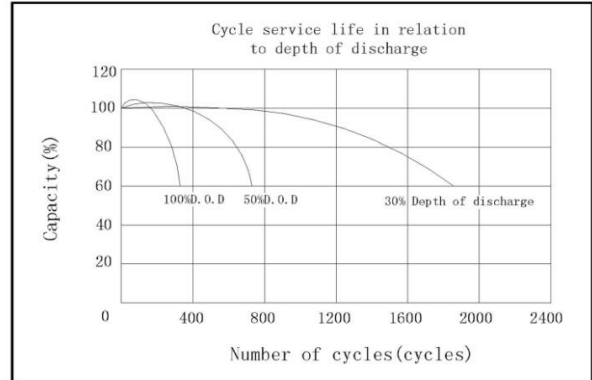
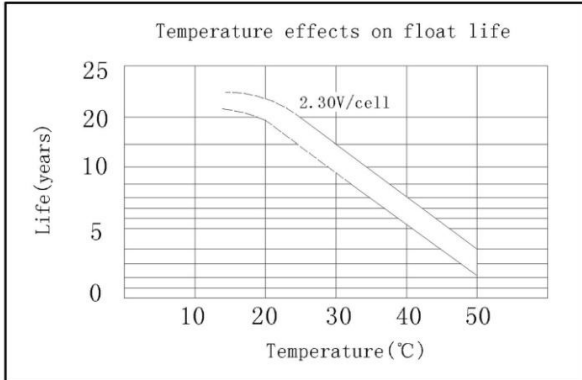
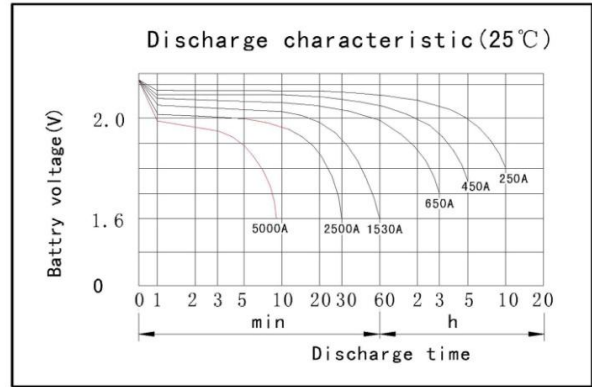
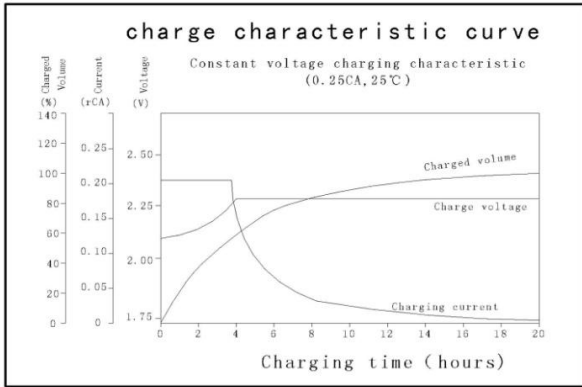
Total height with removable cover: 382

## 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)	10 hours rate(250A 1.80V)	2500Ah
	5 hours rate(450A 1.75V)	2250Ah
	3 hours rate(650A 1.70V)	1950Ah
	1 hour rate(1520A 1.60V)	1520Ah
Internal Resistance	Full charged battery 77°F(25°C):0.2mΩ	
Capacity affected by Temperature (10 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):4000A(5S)		
Charge (Constant Voltage)	Float:2.25 to 2.30V/77°F/(25°C)	
	Cycle:2.35 to 2.45V/77°F/(25°C) Max Current:500A	



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

End Point Volts/Cell	5min	10min	15min	30min	45min	1h	3h	5h	10h
1.80V		4183	3344	2489	1830	1520	875	472	282
1.85V		3944	3184	2380	1758	1495	885	488	280
1.70V		3728	3018	2248	1683	1485	850	458	257
1.75V		3498	2848	2128	1598	1435	838	450	254
1.80V		3254	2874	2010	1512	1400	823	440	250

(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		7019	5677	4322	3261	2757	1880	1272	882
1.65V		6614	5372	4105	3112	2662	1788	1251	876
1.70V		6202	5085	3885	2955	2565	1710	1234	865
1.75V		5795	4748	3680	2793	2528	1672	1207	847
1.80V		5387	4436	3430	2635	2385	1592	1130	828

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