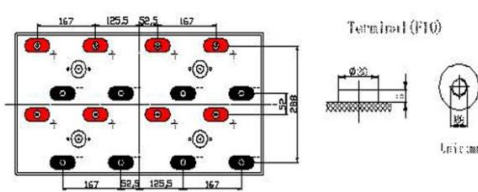
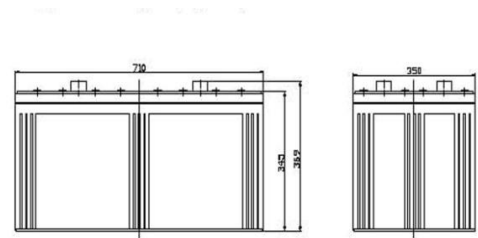


## General Feature

- 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.



Total height with removable cover: 382

## SPECIFICATION

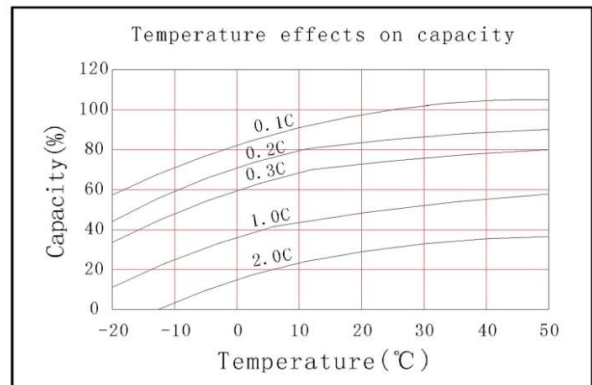
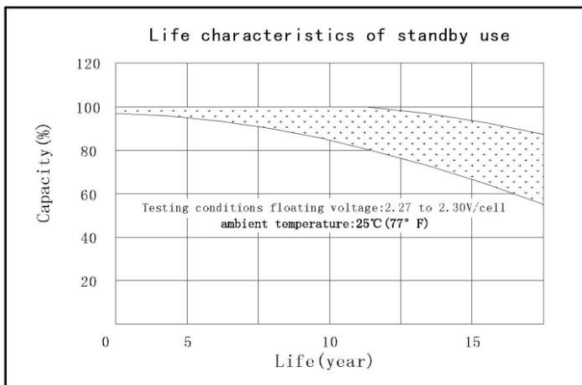
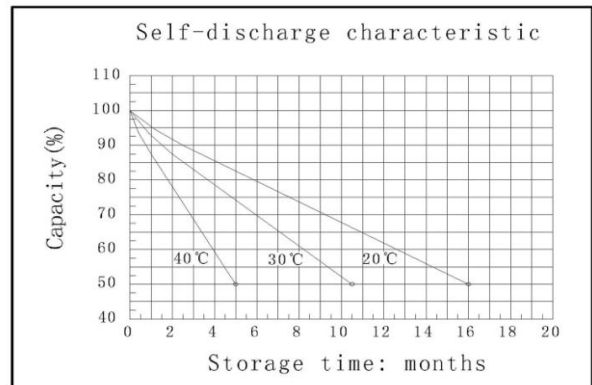
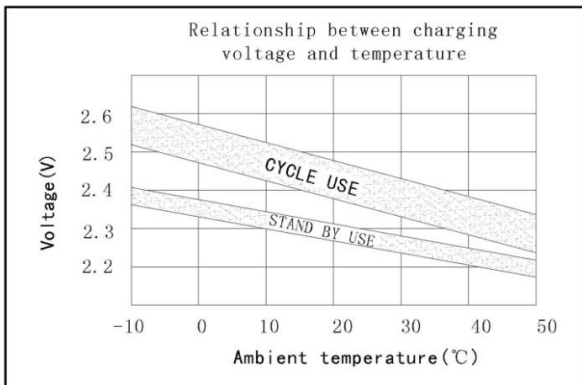
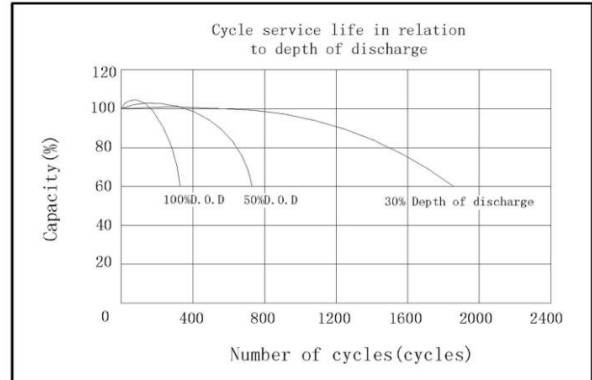
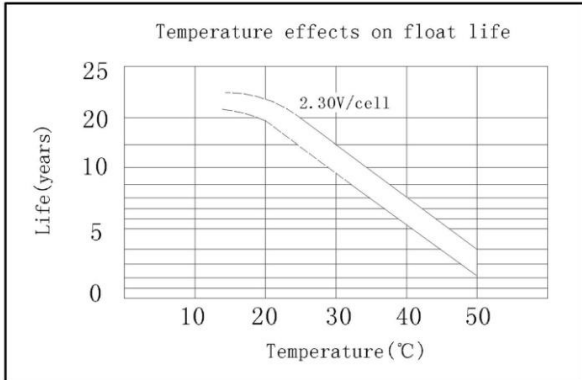
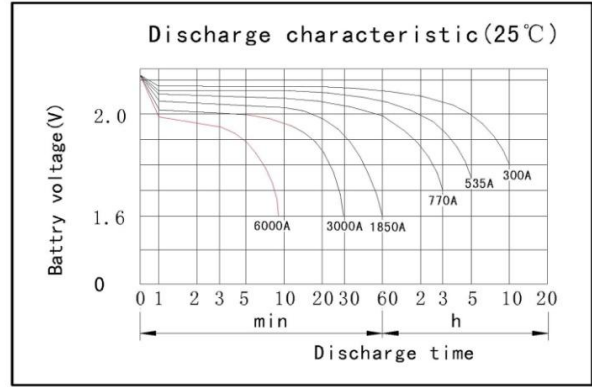
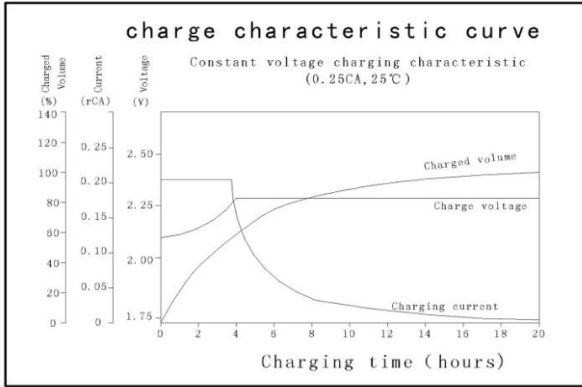
- Nominal voltage ..... 2V
- Number of cell ..... 1
- Length(mm/inch) ..... 710/27.95
- Width(mm/inch) ..... 350/13.8
- Height(mm/inch) ..... 345/13.6
- Total Height(mm/inch) ..... 382/15.04
- Approx. Weight(kg/lbs) ..... 190/418.8

## 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(300A 1.80V)	3000Ah
	5 hours rate(535A 1.75V)	2675Ah
	3 hours rate(770A 1.70V)	2310Ah
	1 hour rate(1850A 1.60V)	1850Ah
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):3000A(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:600A	



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

End Point Volts/Cell	5min	10min	15min	30min	45min	1h	3h	5h	10h
1.60V		5140	4020	2980	2160	1850	825	580	319
1.65V		4870	3825	2850	2072	1793	800	562	315
1.70V		4595	2625	2710	1980	1735	770	550	310
1.75V		4305	3420	2570	1883	1675	745	535	305
1.80V		4020	3215	2425	1785	1630	710	525	300

(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		7748	6050	4484	3477	2976	2040	1423	822
1.65V		7344	5759	4286	3338	2895	2017	1386	806
1.70V		6926	5459	4088	3199	2814	1942	1346	888
1.75V		6497	5154	3890	3080	2733	1859	1302	869
1.80V		6082	4845	3692	2921	2652	1770	1288	826

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