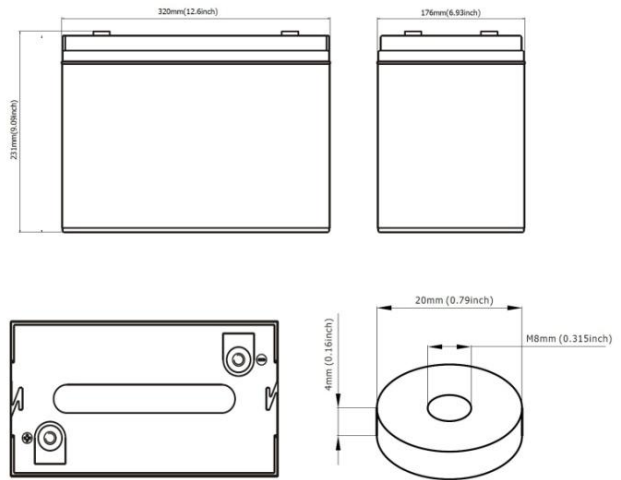


## General Feature

- 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

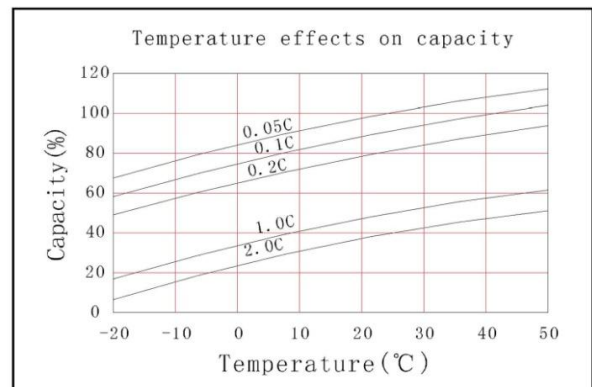
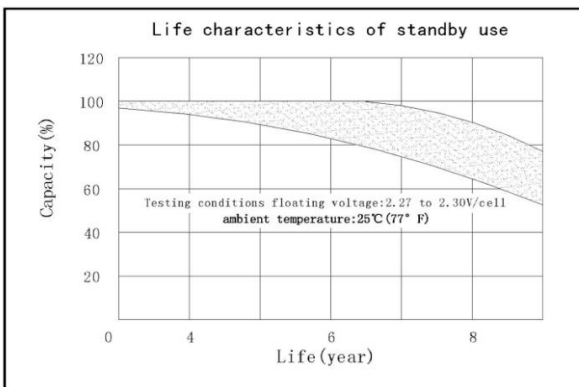
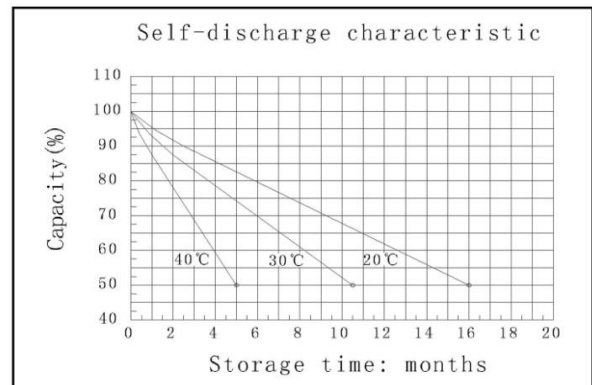
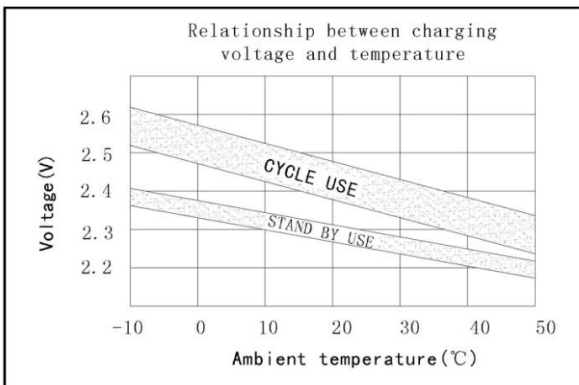
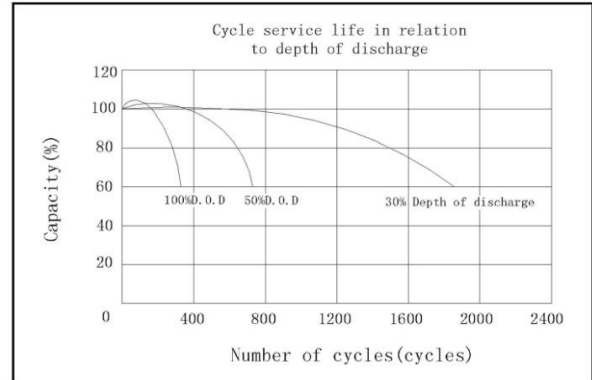
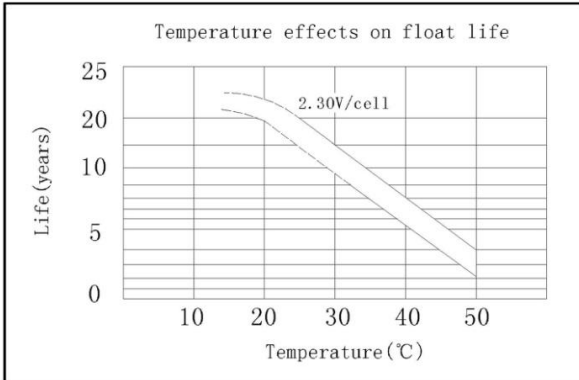
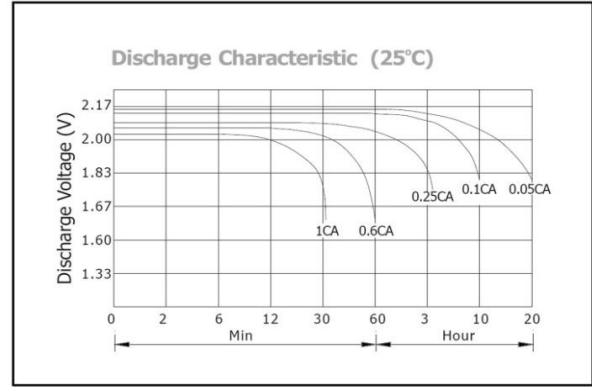
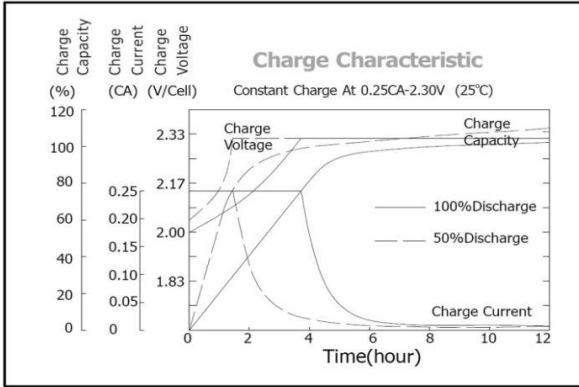
Nominal voltage ..... 6V  
 Number of cell ..... 3  
 Length(mm/inch) ..... 322/12.6  
 Width(mm/inch) ..... 177/6.96  
 Height(mm/inch) ..... 226/8.89  
 Total Height(mm/inch) ..... 230/9.05  
 Approx.Weight(kg/lbs) ..... 32/70.56

## 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(11.5A 5.25V)	230Ah
	10 hours rate(22.5A 5.25V)	225Ah
	5 hours rate(38.4A 5.25V)	192Ah
	1 hour rate(146A 5.25V)	146Ah
Internal Resistance	Full charged battery 77°F(25°C):1.7mΩ	
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 current77°F(25°C):1100A(5S)		
Charge (Constant Voltage)	Float:6.8 to 6.9V/77°F/(25°C)	
	Cycle:7.25 to 7.45V/77°F/(25°C)	
	Max Current:56A	



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

End Point Volts/Cell	5min	10min	15min	30min	1h	3h	5h	10h	20h
1.60V	984	612	462	282	160	70.2	36.3	22.8	12.6
1.67V	923	581	444	269	158	67.5	35.5	22.6	12.2
1.70V	846	560	434	245	153	63.0	34.8	22.5	12.0
1.75V	829	542	420	233	146	60.9	34.0	22.5	11.7
1.80V	742	518	381	215	137	58.5	32.0	22.0	11.0

(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	1h	3h	5h	10h	20h
1.60V	1726	1105	843	507	289	125	72.5	46.9	25.2
1.67V	1666	1077	833	497	287	121	72.2	46.6	24.3
1.70V	1568	1067	826	465	281	115	71.3	46.3	24.0
1.75V	1578	1063	819	451	277	113	70.6	45.8	23.4
1.80V	1444	1048	759	430	261	109	68.4	45.2	22.8

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