

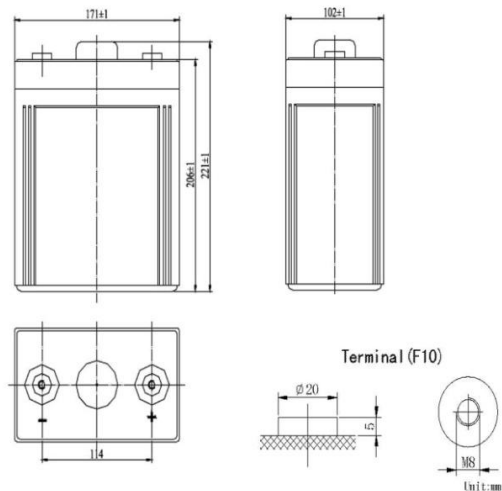
## General Feature

- 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)	171/6.73
Width(mm/inch)	102/4.02
Height(mm/inch)	206/8.11
Total Height(mm/inch)	221/8.70
Approx.Weight(kg/lbs)	8.0/17.6

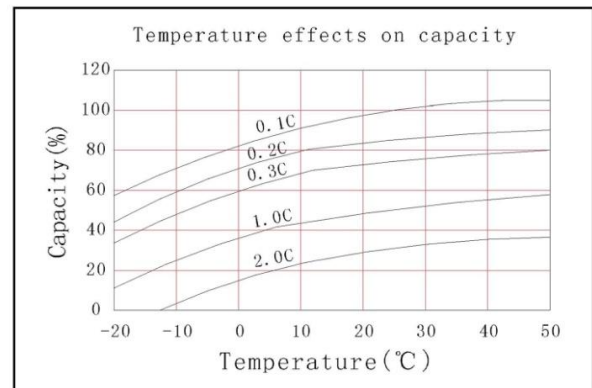
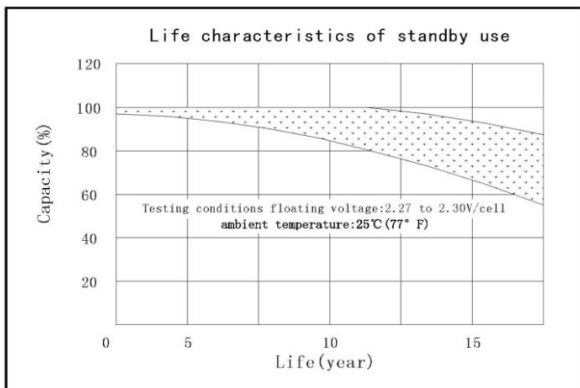
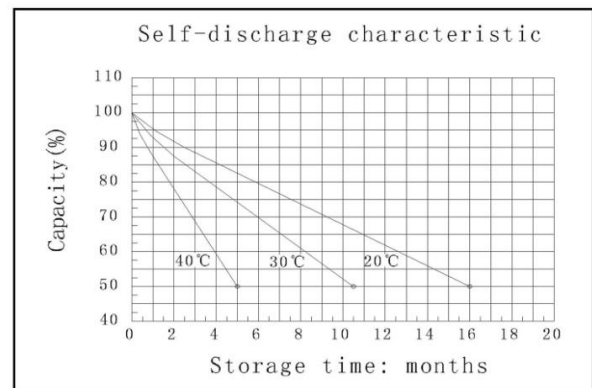
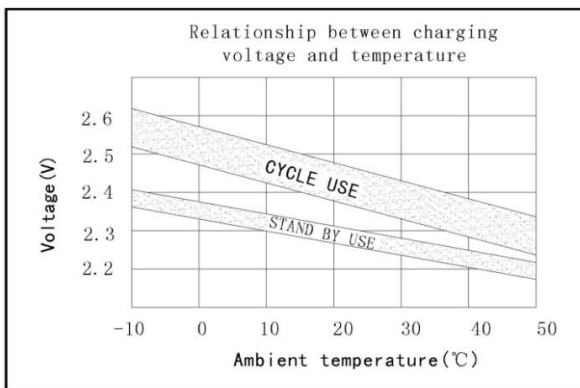
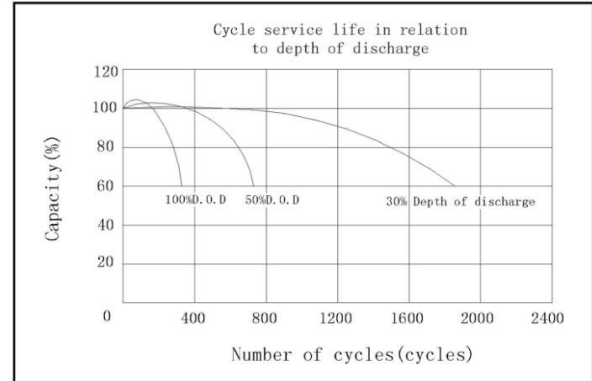
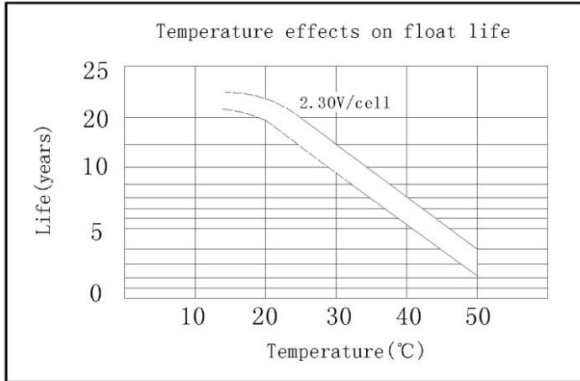
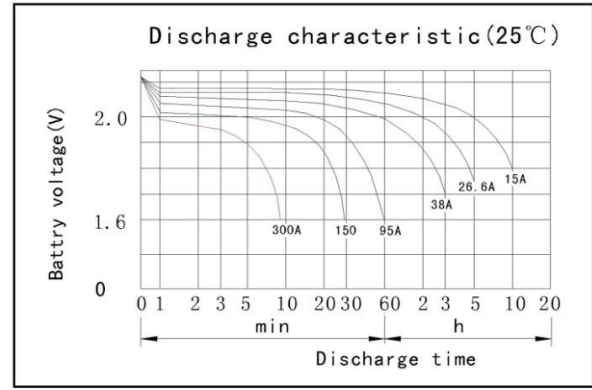
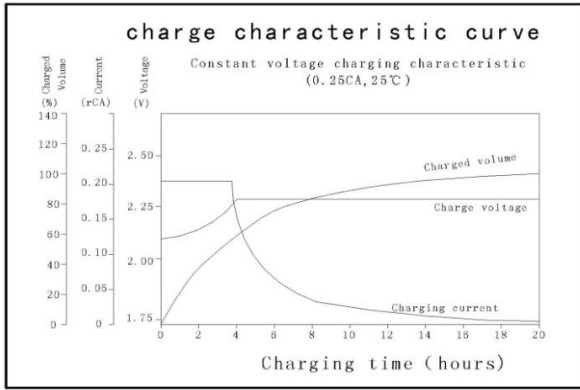


## Battery Construction

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(15A 1.80V)	150Ah
	5 hours rate(26.6A 1.75V)	133Ah
	3 hours rate(38A 1.70V)	114Ah
	1 hour rate(95A 1.60V)	95Ah
Internal Resistance	Full charged battery 77°F(25°C):1mΩ	
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 current77°F(25°C):750A(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:30A	



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

End Point Volts/Cell	5min	10min	15min	30min	45min	1h	3h	5h	10h
1.60V		290	218	145	119	95.0	40.7	28.7	15.8
1.65V		275	207	139	114	92.8	39.2	28.2	15.6
1.70V		260	196	132	109	89.0	38.0	27.4	15.4
1.75V		243	185	125	104	85.0	37.0	26.6	15.2
1.80V		225	174	118	98	81.0	35.0	25.5	15.0

(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	45min	1h	2h	3h	5h
1.60V		420	381	290	218	182	117	79.3	58.0
1.65V		396	360	275	207	174	113	77.4	57.0
1.70V		371	339	260	197	166	109	75.3	56.0
1.75V		346	318	245	186	158	105	73.0	55.0
1.80V		321	296	229	175	149	100	70.5	53.8

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