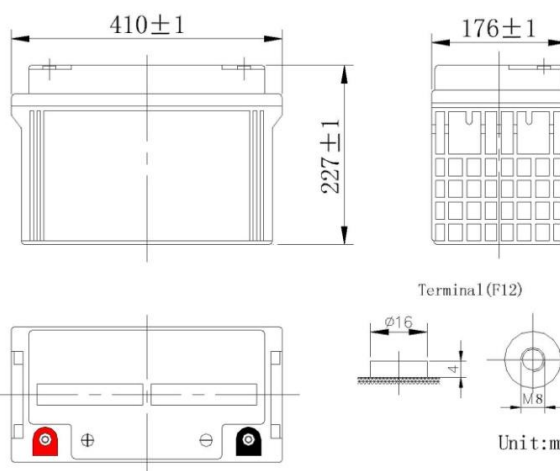


General Feature

- 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

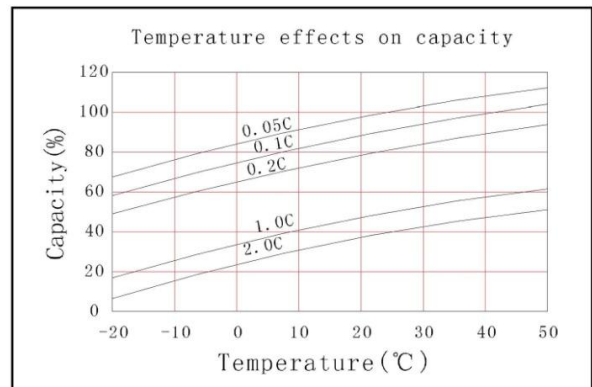
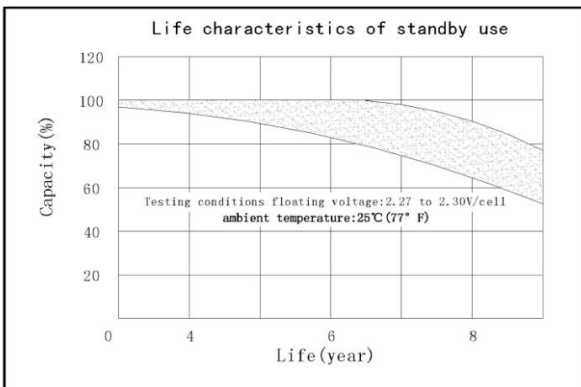
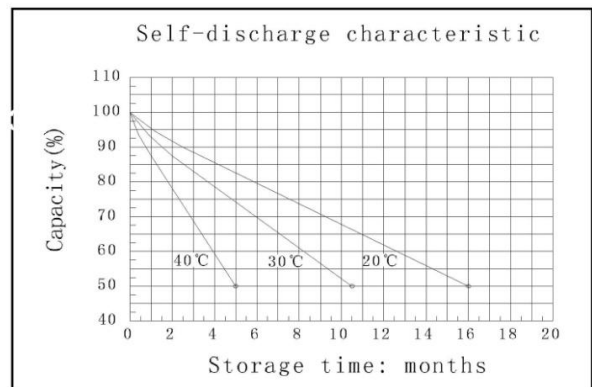
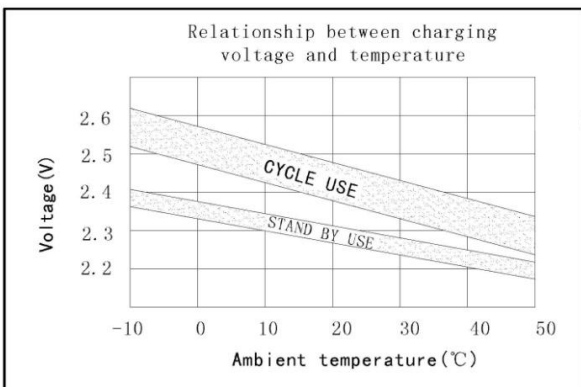
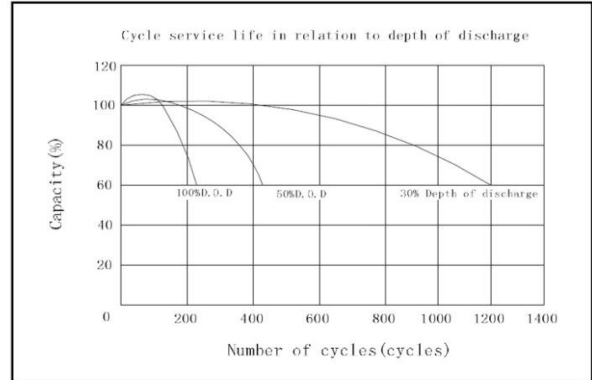
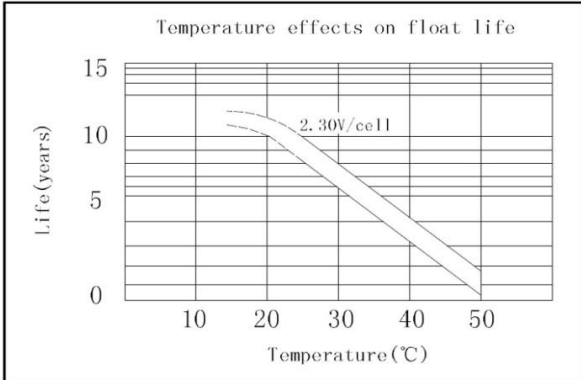
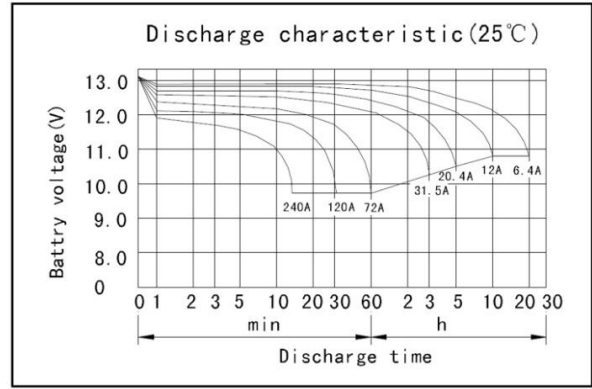
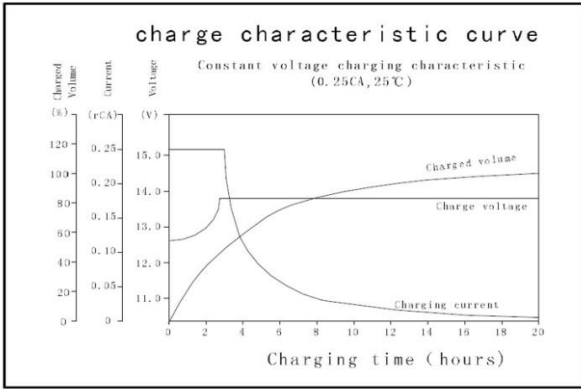
Nominal voltage	12V
Number of cell	6
Length(mm/inch)	410/16.1
Width(mm/inch)	176/6.93
Height(mm/inch)	227/8.94
Total Height(mm/inch)	227/8.94
Approx.Weight(kg/lbs)	35.5/78.24

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(6.4A 10.8V)	128Ah
	10 hours rate(12A 10.8V)	120Ah
	5 hours rate(20.1A 10.5V)	100.5Ah
	1 hour rate(87A 9.6V)	87Ah
Internal Resistance	Full charged battery 77°F(25°C):4.2mΩ	
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 current77°F(25°C):950A(5S)		
Charge (Constant Voltage)	Float:13.6 to 13.8V/77°F/(25°C)	
	Cycle:14.4 to 14.7V/77°F/(25°C) Max Current:30A	



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

End Point Volt/Cell	5min	10min	15min	30min	1h	3h	5h	10h	20h
1.60V		305	235	145	87	34.5	22.1	13	6.65
1.65V		290	225	140	84.8	33.4	21.5	12.9	6.6
1.70V		274	214	134	82.4	32.2	20.8	12.7	6.55
1.75V		257	203	128	79.8	31	20.1	12.5	6.5
1.80V		239	190	121	77	29.7	19.3	12.2	6.4

(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 Volt/Cell	5min	10min	15min	30min	45min	1h	2h	3h	5h
1.60V		520	435	275	203	165	95.2	70.6	46.6
1.65V		500	421	267	197	161	92.7	68.9	45.6
1.70V		478	406	258	190	156	90.2	67.1	44.5
1.75V		455	390	249	183	151	87.7	65.3	43.4
1.80V		430	372	239	176	146	85.2	63.4	42.2

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