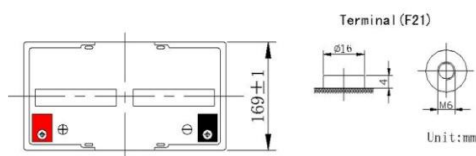
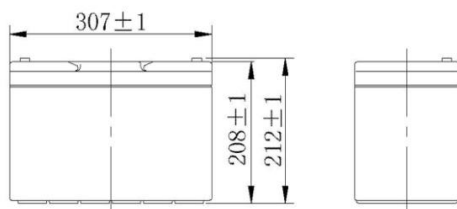


General Feature

- 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

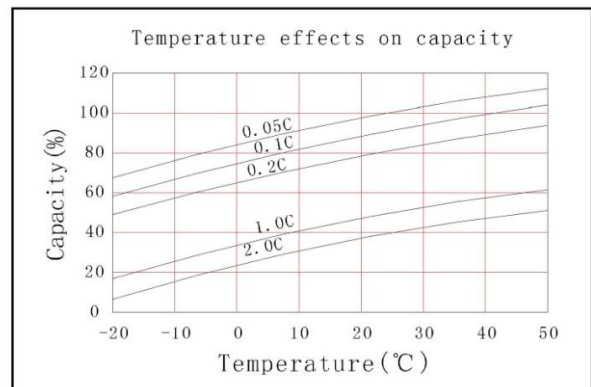
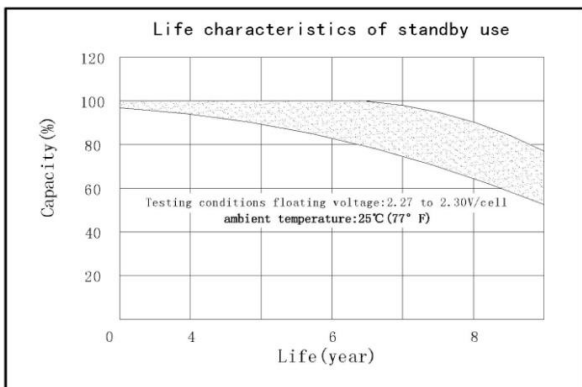
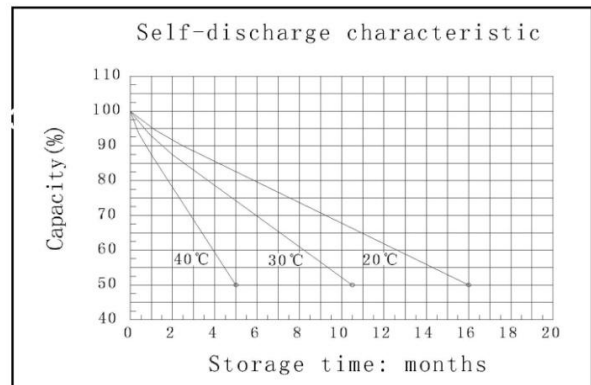
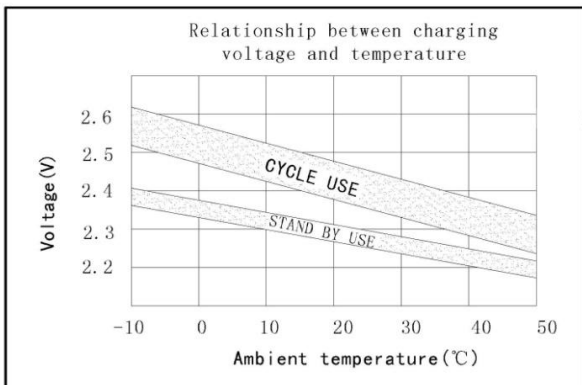
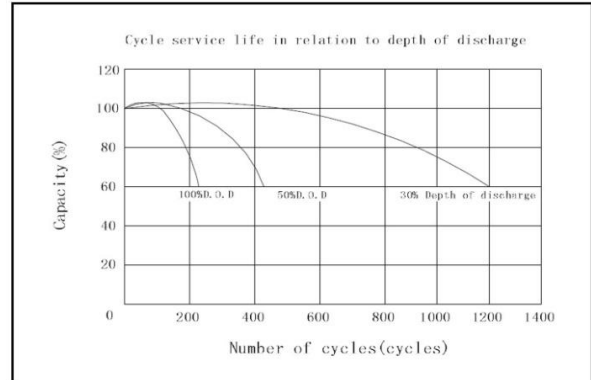
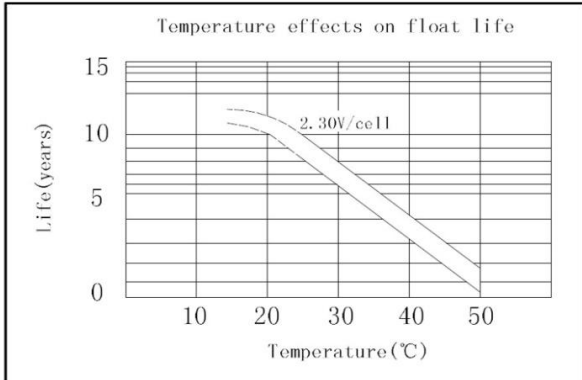
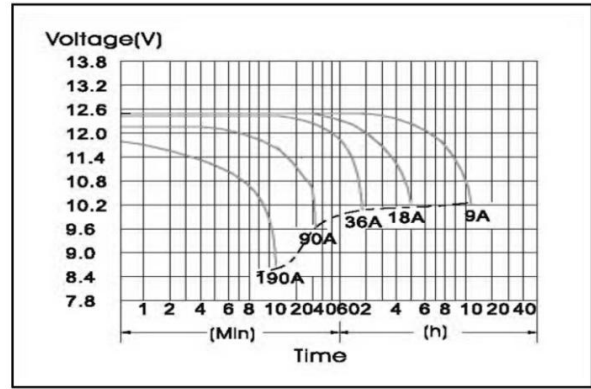
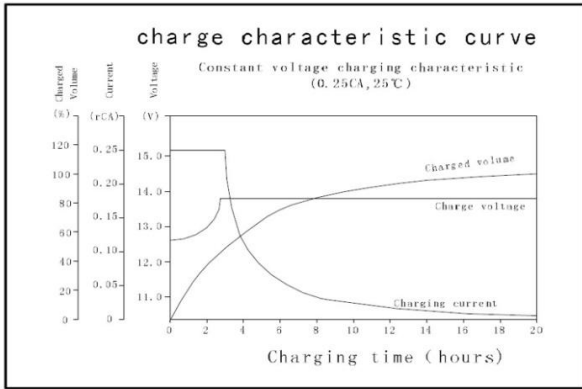
Nominal voltage	12V
Number of cell	6
Length(mm/inch)	306/12.1
Width(mm/inch)	169/6.65
Height(mm/inch)	208/8.19
Total Height(mm/inch)	212/8.35
Approx.Weight(kg/lbs)	26.5/58.4

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(4.65A 10.8V)	93Ah
	10 hours rate(9A 10.8V)	90Ah
	5 hours rate(16.2A 10.5V)	81Ah
	1 hour rate(61A 9.6V)	61Ah
Internal Resistance	Full charged battery 77°F(25°C):5.5mΩ	
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):850A(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:22.5A	



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

End Point Volt/Cell	5min	10min	15min	30min	1h	3h	5h	10h	20h
1.60V		220	173	103	61	26.5	17.8	9.6	4.9
1.65V		209	165	98.8	58.6	25.7	17.3	9.5	4.85
1.70V		197	156	94.4	56.1	24.9	16.8	9.4	4.8
1.75V		184	147	89.8	53.5	24	16.2	9.2	4.75
1.80V		169	137	85	50.7	23	15.5	9.0	4.65

(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		390	310	192	145	117	70	52	35
1.65V		373	298	186.5	141.3	113.9	68	50.5	34.1
1.70V		354	285	180.3	137.4	110.7	65.9	48.9	33.1
1.75V		334	271	173.6	133.3	107.4	63.8	47.3	32
1.80V		312	255	166.1	128.8	103.9	61.5	45.6	30.9

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