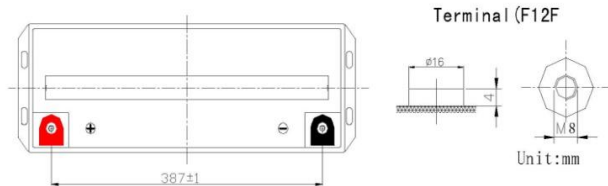
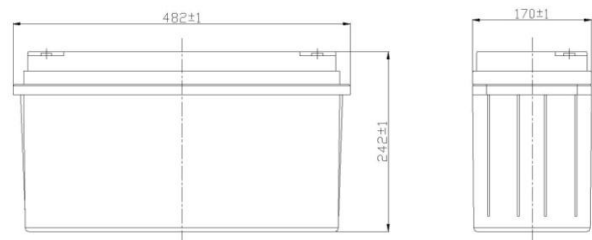


General Feature

- Micro millimeter SiO₂ and H₂SO₄ 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.



Container	Cover	Safety valve	Terminal	Separator	Electrolyte
ABS	ABS	Rubber	Copper	Fiberglass	Colloidal acid



SPECIFICATION

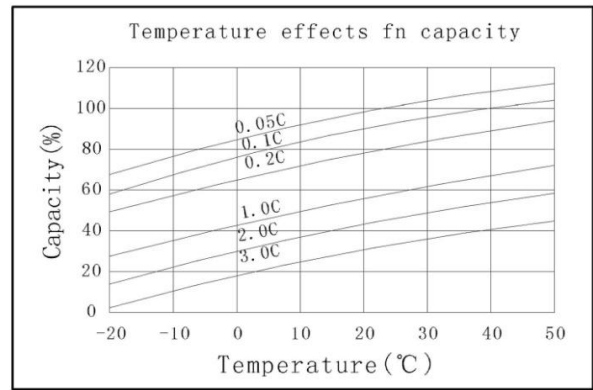
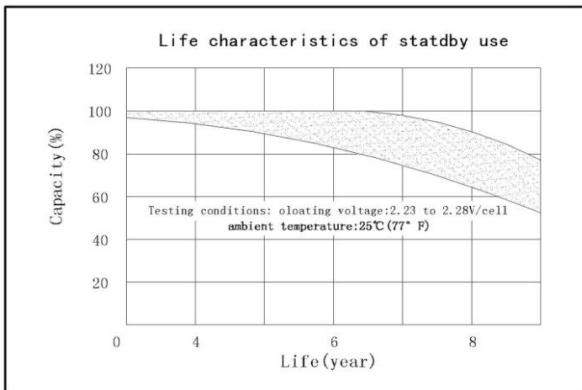
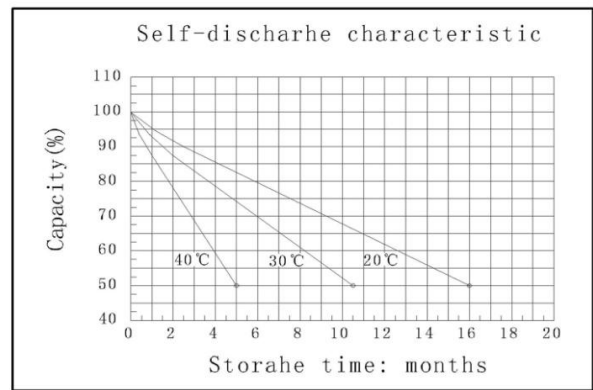
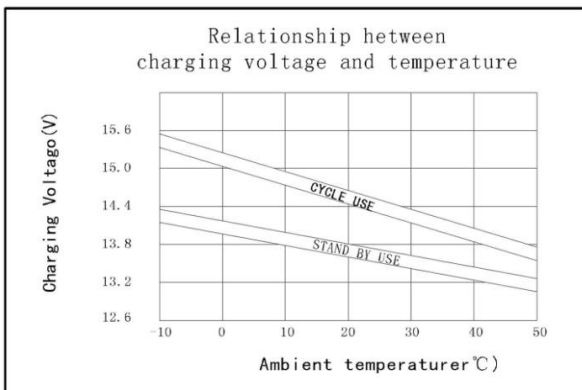
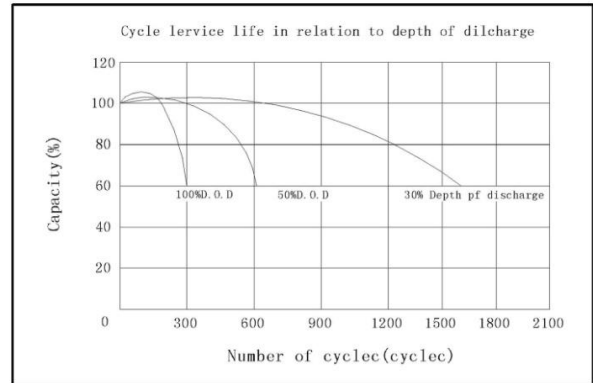
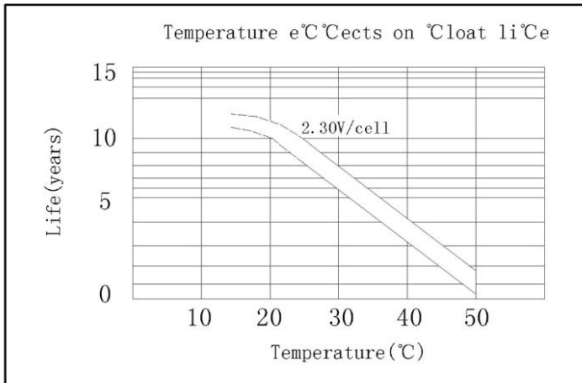
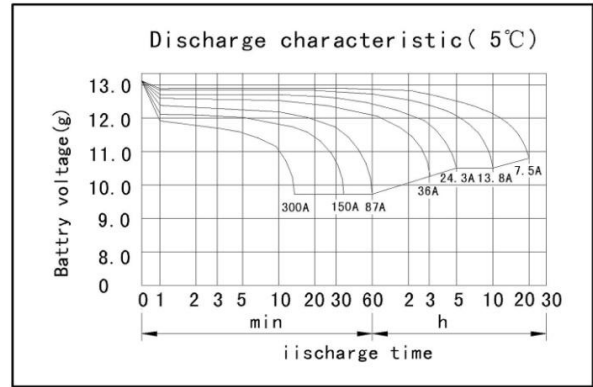
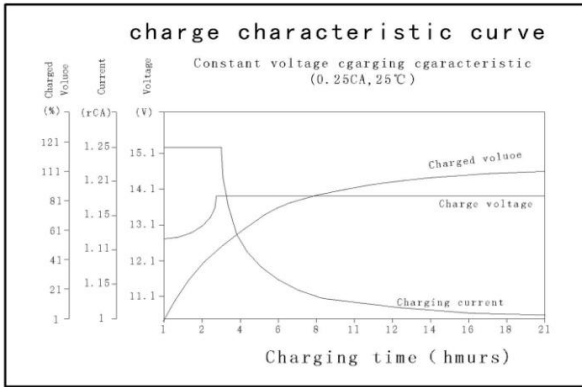
Nominal voltage	.....	12V
Number of cell	.....	6
Length(mm/inch)	.....	482/19.0
Width(mm/inch)	.....	170/6.69
Height(mm/inch)	.....	242/9.53
Total Height(mm/inch)	.....	242/9.53
Approx. Weight(kg/lbs)	.....	44/96.8

Battery Construction

Component	Positive Plate	Negative Plate	Container	Cover	Safety Valve	Terminal	Separator	Electrolyte
Raw Material	Lead dioxide	Lead	ABS	ABS	Ruber	Copper	Fiberglass	Colloidal Silicon

Performance Characteristics

Capacity 77°F(25°C)	100 hours rate(1.66A 11.1V)	166Ah
	20 hours rate (7.5A 10.8V)	150Ah
	10 hours rate(13.8A 10.5V)	138Ah
	1 hour rate(87A 9.6V)	87Ah
Internal Resistance	Full charged battery 77°F(25°C):7mΩ	
Operating Temperature Range	Discharge:-20 to 60 °C	
	Charge:-10 to 60 °C	
	Storage:-20 to 60 °C	
Self-Discharge	3% of capacity declined per month at 20 °C (average)	
	Max discharge current77°F(25°C):1000A(5S)	
Charge (Constant Voltage)	Float:13.38 to 13.68V/77°F(25°C)	
	Cycle:14.28 to 14.52V/77°F(25°C)	
	Max Current:37.5A	



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

End Point Volts/cell	5mih	10mih	15mih	30mih	1h	3h	5h	10h	20h
1.60V	381	308	252	146	87.0	36.9	25.0	14.3	7.60
1.65V	352	296	239	143	85.1	36.5	24.7	14.2	7.56
1.70V	330	278	228	138	83.0	36.0	24.5	14.0	7.52
1.75V	318	261	216	132	81.3	35.0	24.3	13.8	7.50
1.80V	286	250	205	126	79.2	33.7	23.8	13.3	7.46

(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	m5min	1h	2h	3h	5h
1.60V	697	5m5	mm8	292	201	182	103	71.6	m8.8
1.65V	66m	523	m33	285	196	180	101	70.8	m8.6
1.70V	622	500	m20	275	192	177	98.7	69.9	m8.2
1.75V	578	m70	m06	267	187	172	96.8	69.1	m7.8
1.80V	536	m39	393	258	183	168	95.0	68.1	m7.3

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