

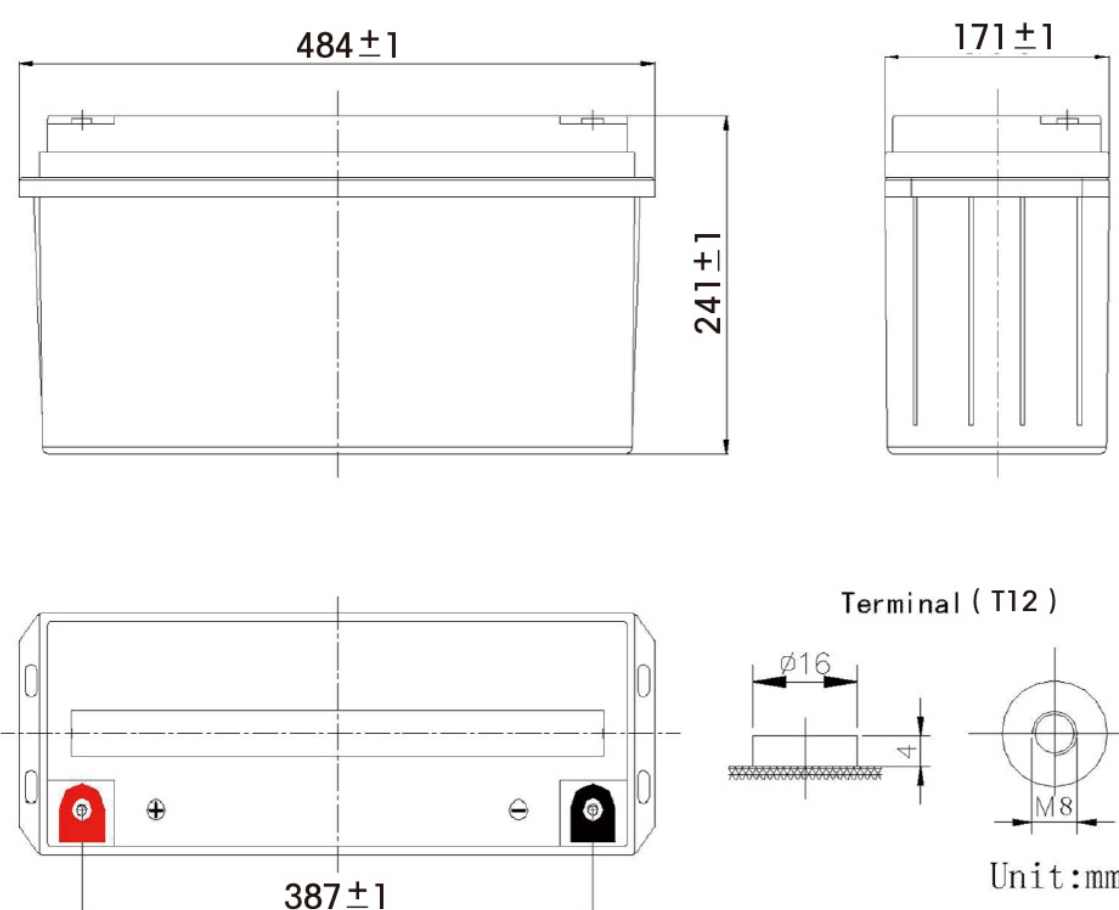
GENERAL FEATURE

- 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.
- 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) **450**
 Width(mm/inch) 171/6.74
 Height(mm/inch) 241/9.5
 Total Height(mm/inch) 241/9.5
 Approx.Weight(kg/lbs) 42/92.59



MATERIAL

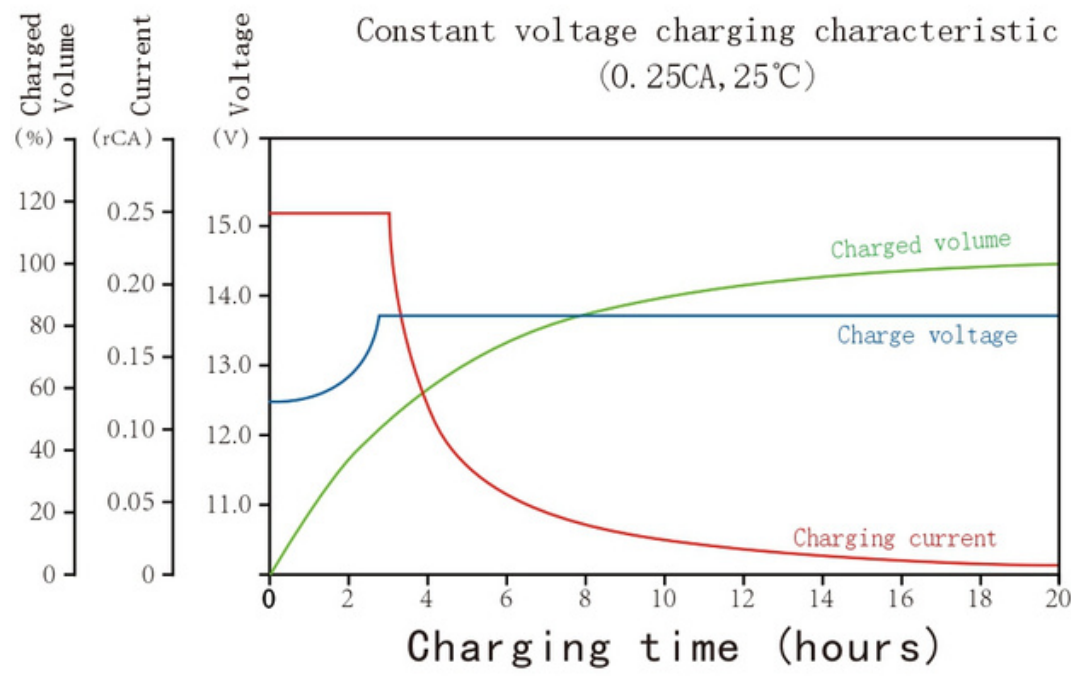
Component	Positive plate	Negative plate	Container	Cover	Safety valve	Terminal	Separator	Electrolyte
Raw material	Lead dioxide	Lead	ABS	ABS	Rubber	Copper	Fiberglass	Colloidal Silicon

CONFIGURATION

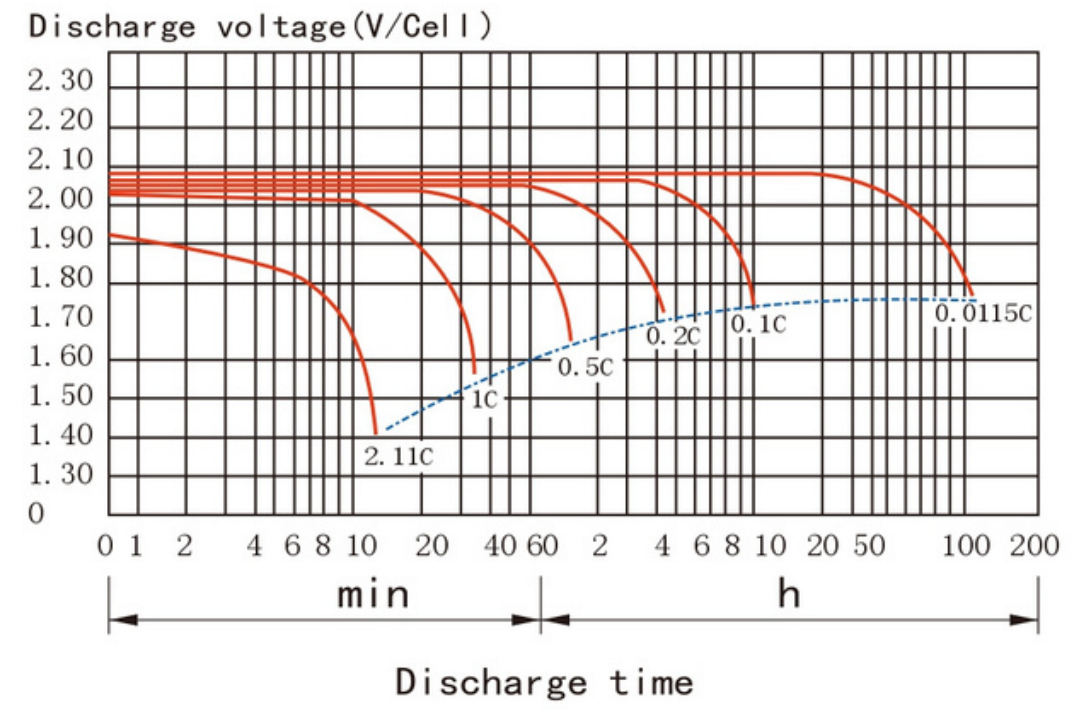
Capacity 77° F(25°C)	100 hours rate (1.8A 11.1V)	180Ah
	20 hours rate (8.15A 10.5V)	163Ah
	10 hours rate (15A 10.5V)	150Ah
	1 hour rate (94A 9.6V)	94Ah
Internal Resistance	Full charged battery 77° F(25°C):7m Ω	
Capacity affected by Temperature (10 hour rate)	104° F(40°C)	102%
	77° F(25°C)	100%
	32° F(10°C)	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):1000A(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:37.5A	

PERFORMANCE REPORT

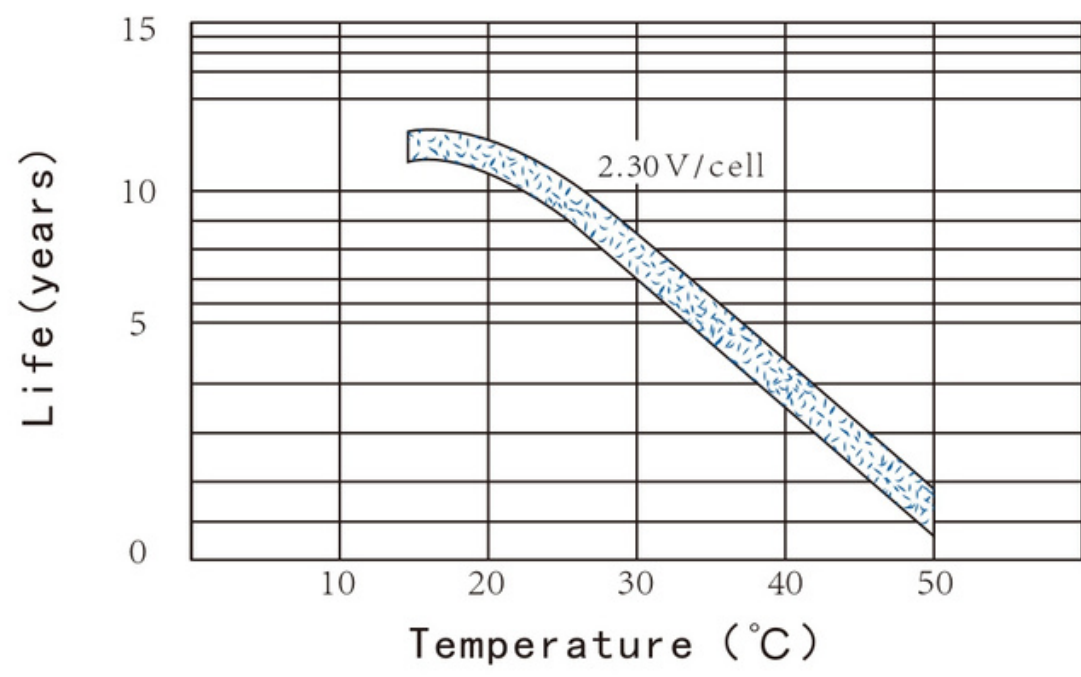
Charge characteristic curve



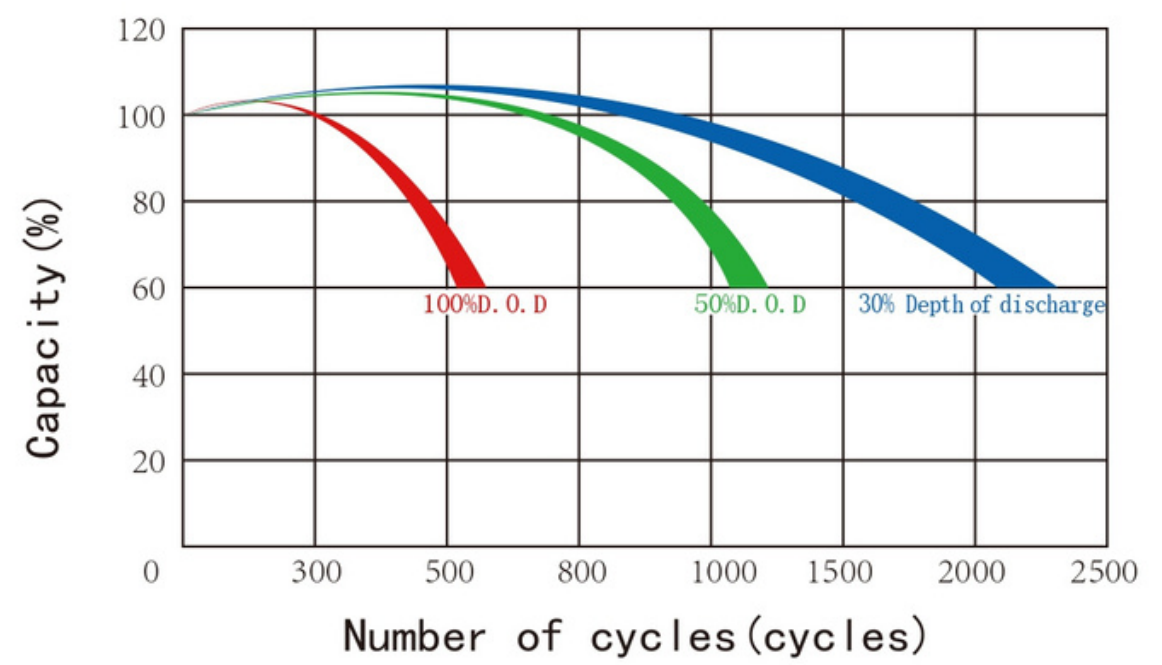
Discharge characteristic (25°C)



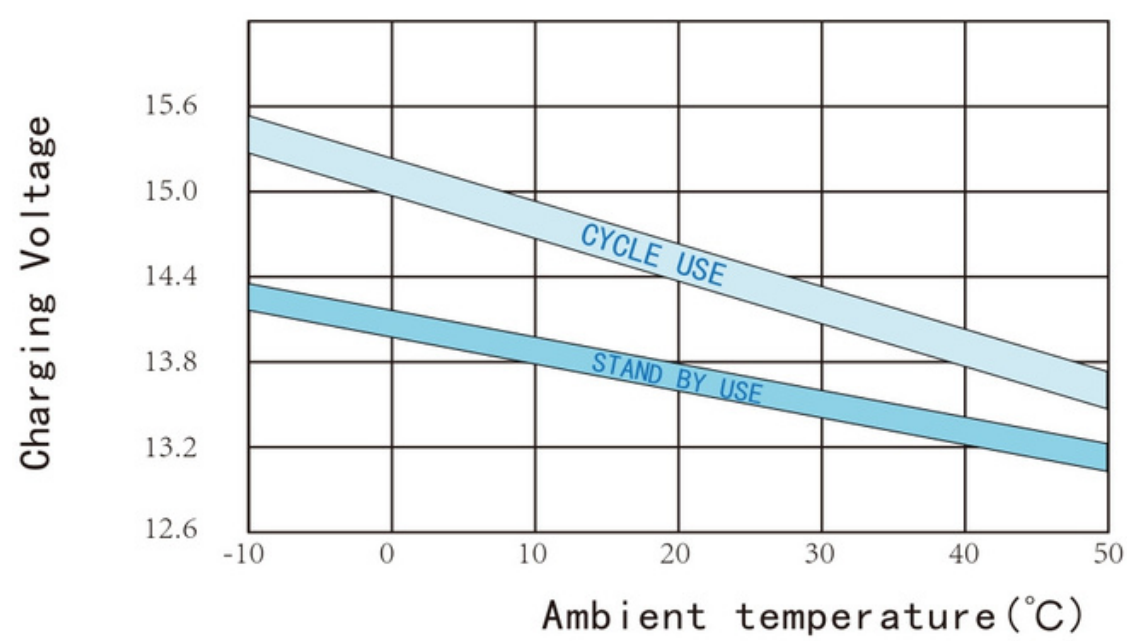
Temperature effects on float life



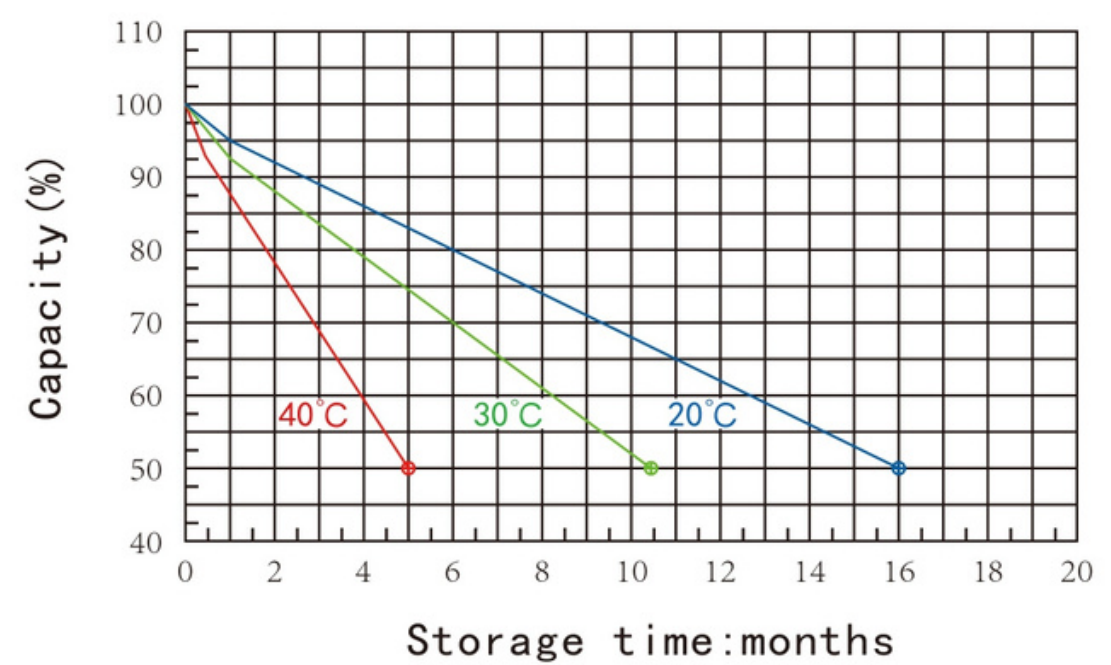
Cycle service life in relation to depth of discharge



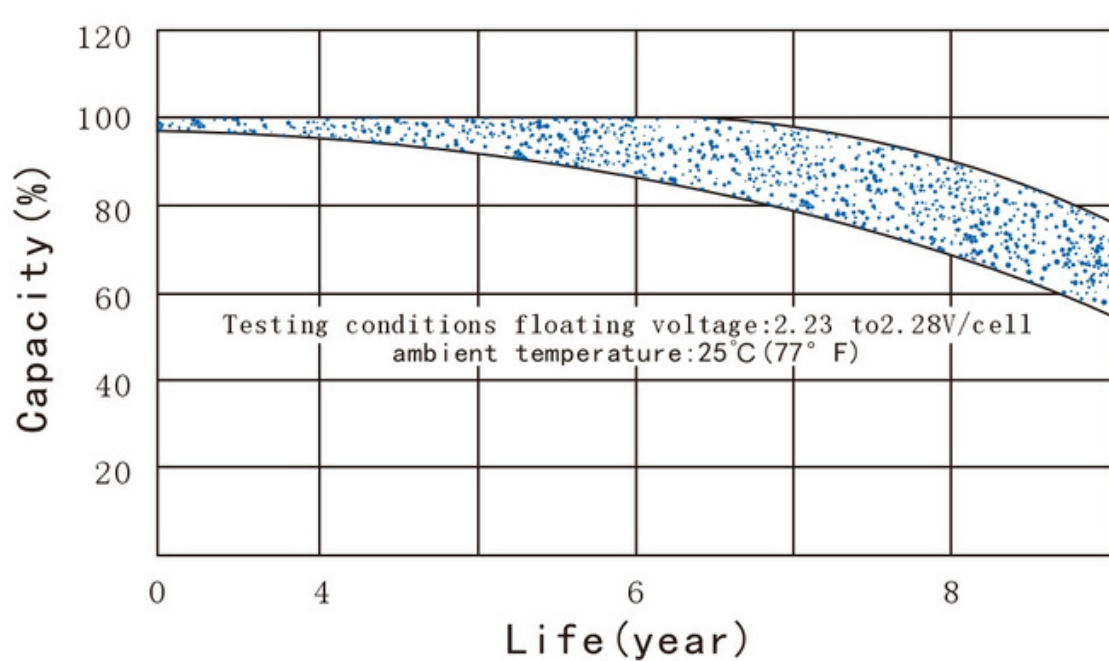
Relationship between charging voltage and temperature



Self-discharge characteristic



Life characteristics of standby use



Temperature effects on capacity

