

PUSTUN



Natural Energy Street Light



Wheelchair Equipment



UPS Power Station



Backup Power Panel



Medical Operation Power

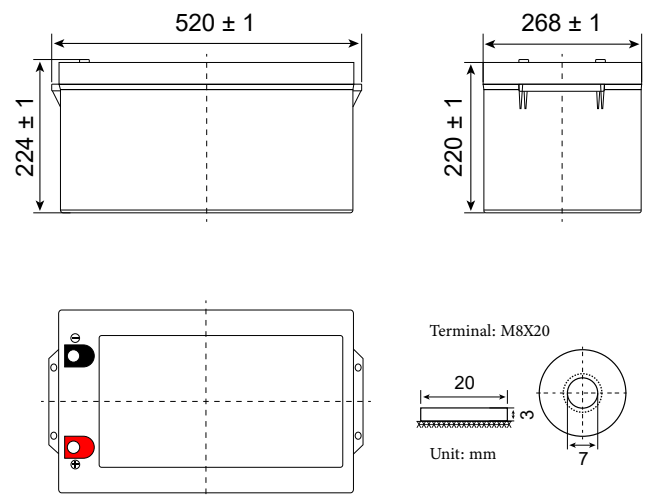
GENERAL FEATURE

- 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.
- 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) 520/20.47
 Width(mm/inch) 268/10.55
 Height(mm/inch) 220/8.66
 Total Height(mm/inch) 224/8.82
 Approx.Weight(kg/lbs) 68/149.91



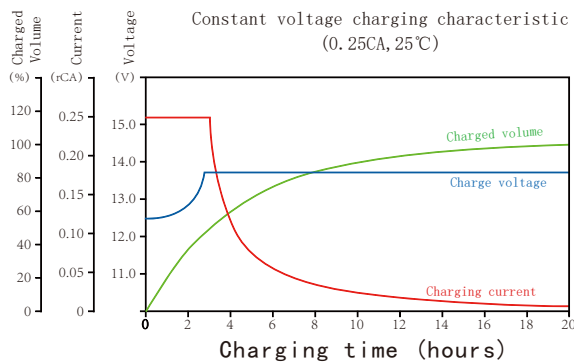
MATERIAL

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

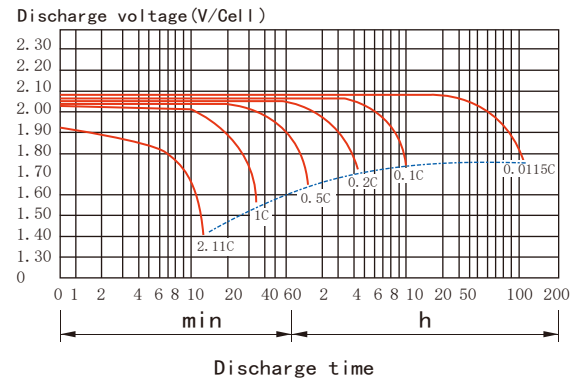
CONFIGURATION

Capacity 77°F(25°C)	20 hours rate (13A 10.8V)	260Ah
	10 hours rate (25A 10.8V)	250Ah
	5 hours rate (43A 10.5V)	213Ah
	1 hour rate (159A 9.6V)	159Ah
Internal Resistance	Full charged battery 77°F(25°C):4mΩ	
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):1250A(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:62.5A	

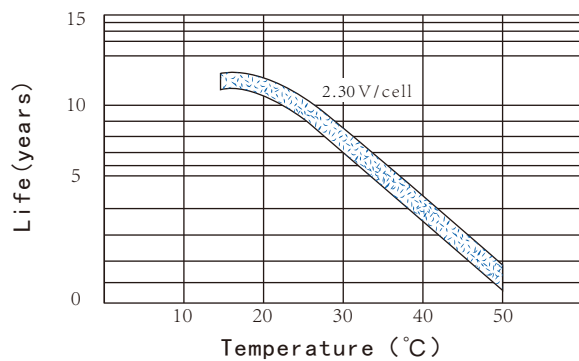
Charge characteristic curve



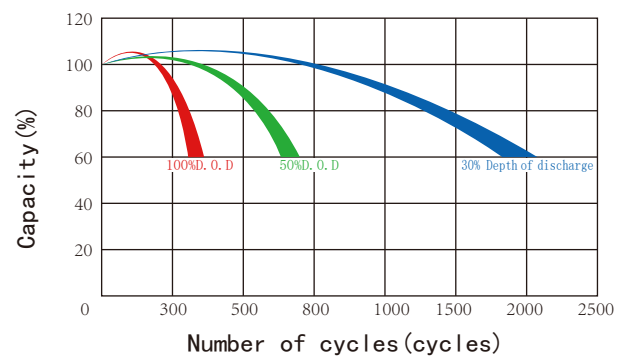
Discharge characteristic (25°C)



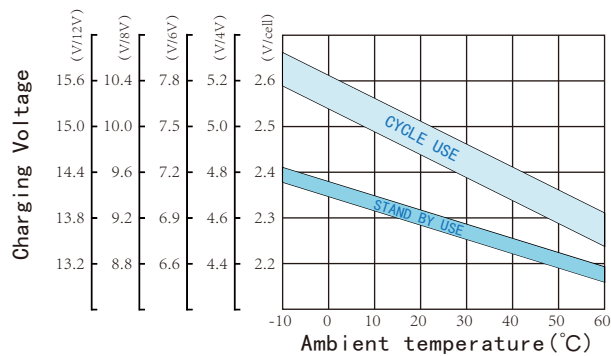
Temperature effects on float life



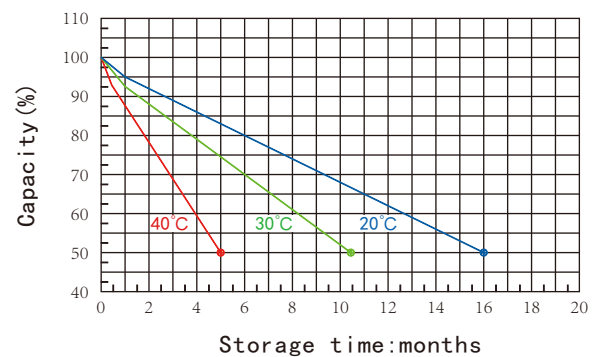
Cycle service life in relation to depth of discharge



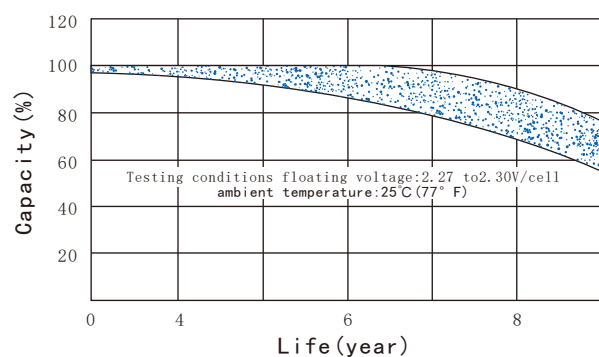
Relationship between charging voltage and temperature



Self-discharge characteristic



Life characteristics of standby use



Temperature effects on capacity

