

FEATURES

- AGM technology for efficient gas recombination and lower I.R.
- Individually tank-formated plates optimize uniformity of cell
- high performance alloy to secure corrosion-proof feature
- long service life, float or cyclic application
- Maintenance-free operation
- Sealed construction, no electrolyte leakage or spill
- Computer-aided design and manufacturing ensures quality products through control of process and standards

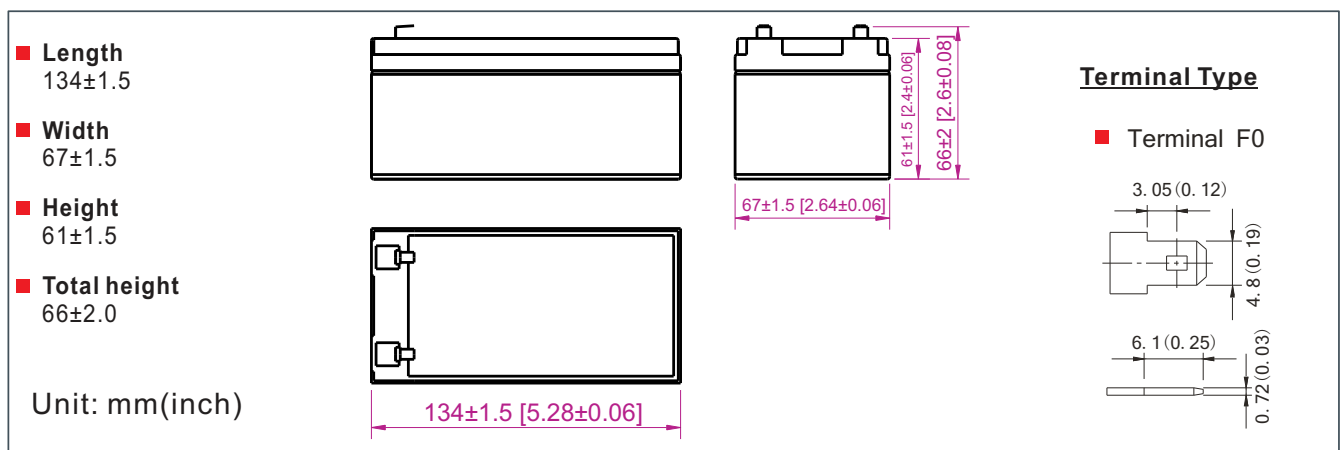
SPECIFICATION

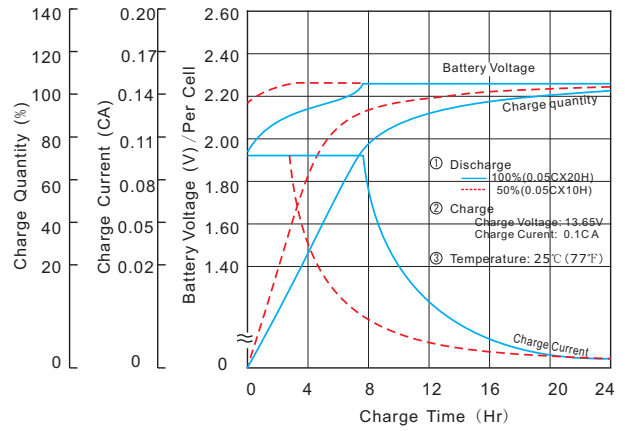
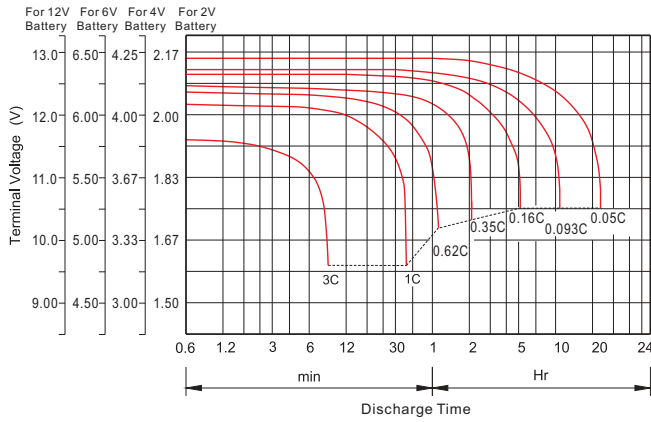
Nominal Voltage	12V	
Nominal Capacity	3.3Ah@20Hr-rate to 1.75V/cell	
Approx. Weight	1.32Kg (2.91Lbs)	
Internal Resistance	30mΩ(Fully Charged)@25°C	
Self-Discharge	Average 3% of capacity declined per month@25°C	
Nominal Operating Temp.	25±3°C (77±5°F)	
Operating Temp. Range	Discharge: -20°C ~ 50°C (-4 ~ 122°F)	
	Charge: -15~40°C (5 ~ 104°F)	
	Storage: -20°C ~ 40°C (-4 ~ 104°F)	
Max. Discharge Current	49A(5 sec.)	
	40°C (104°F)	102%
Capacity Affected by Temp.	25°C (77°F)	100%
	0°C (32°F)	85%
	-15°C (5°F)	65%
	Container Material	

APPLICATION

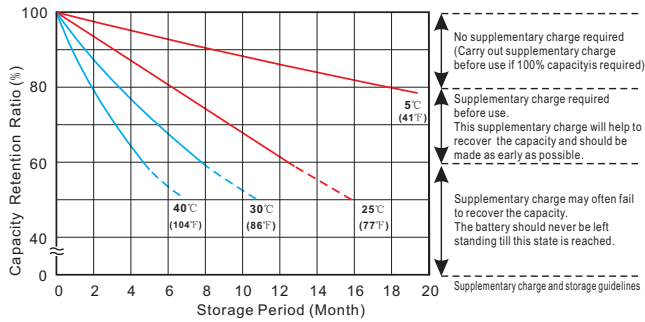
- All Purpose
- UPS
- Signal Light
- Alarm and Security System
- DC Power Supply
- Auto Control Sytem

OUTER DIMENSION

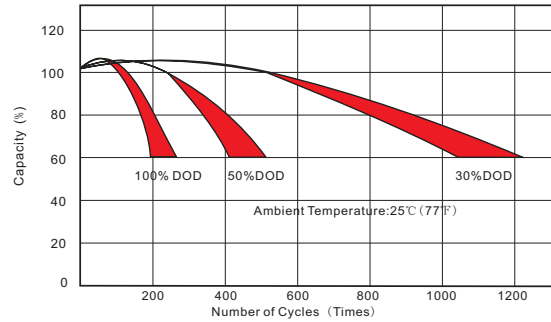




Capacity Retention Characteristics



Cycle Service life



Charge Procedure

Application	Constant Voltage Charge(V/cell)			Max. Charge Current
	Temperature	Set Point	Allowable Range	
Cycle Use	25°C (77°F)	2.425	2.40~2.45	0.3C
Standby Use	25°C (77°F)	2.275	2.25~2.30	

Note: Temp. Compensation Coefficient of Charge Voltage „Cycle use:-4mV/°C/cell , Standby Use:-3mV/°C/cell

Discharge Current VS. Discharge Voltage

Final Discharge Voltage(V/cell)	1.75	1.70	1.60	1.30
Discharge Current(A)	0.2C>(A)	0.2C<(A)<0.5C	0.5C<(A)<1C	(A)>1C

Constant Current (CC, Unit:A)&Constant Power(CP, Unit:W)Discharge Table at 25°C (77°F)

F.V. (V/cell)	Model	Time	5 Min	10 Min	15 Min	30 Min	1 Hr	2 Hr	3 Hr	4 Hr	5 Hr	8 Hr	10 Hr	20 Hr
			1.60V	CC(A)										
	CP(W)													
1.70V	CC(A)													
	CP(W)													
1.75V	CC(A)													
	CP(W)													
1.80V	CC(A)													
	CP(W)													
1.85V	CC(A)													
	CP(W)													

Note: The above data are average values, and can be obtained with 3 charge/discharge cycles.