

Specification

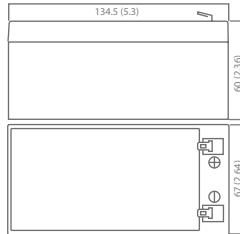
Nominal Voltage	12 volts (6 cells)		
Nominal Capacity			
20-hr. (0.171A)	3.4AH		
10-hr. (0.316A)	3.16 Ah		
5-hr. (0.58A)	2.9 Ah		
1-hr. (2A)	2 Ah		
Approximate Weight	3.02 lbs (1.37 kgs)		
Internal Resistance (approx.)	37mΩ		
Max Charge Current (A)	1A		
Ambient Temperature			
Charge	0°C (32°F) to 40°C (104°F)		
Discharge	-20°C (-4°F) to 50°C (122°F)		
Storage	-20°C (-4°F) to 40°C (104°F)		
Expected Life for Standby Use at 20°C	1-3 Years		
Case	ABS Plastic		
Shelf Life (% of normal capacity at 77° F (25° C))			
3 Months	6 Months	12 Months	
91%	82%	64%	



Temperature Dependency of Capacity (20 hour rate)

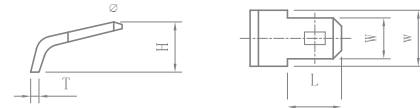
104° F	77° F	32° F	5° F
102%	100%	85%	65%

Physical Dimensions: in (mm)



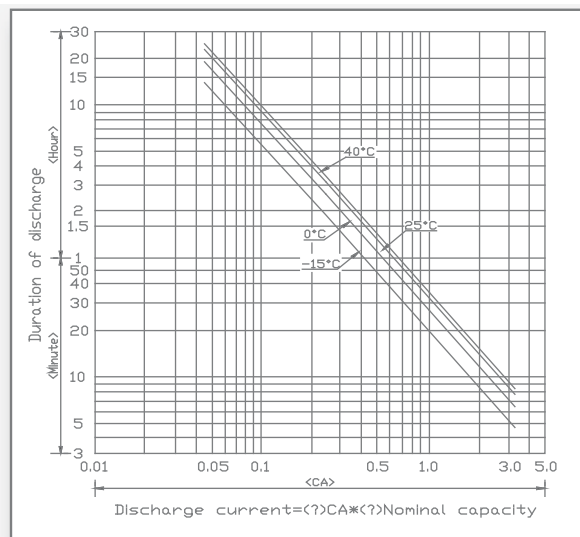
L: 5.3in (134.5 mm)
W: 2.64in (67 mm)
H: 2.42in (62 mm)
TH: 2.63in (67 mm)
 Tolerances are +/- 0.04 in. (+/- 1mm) and +/- 0.08 in. (+/- 2mm) for height dimensions. All data subject to change without notice.

Terminals

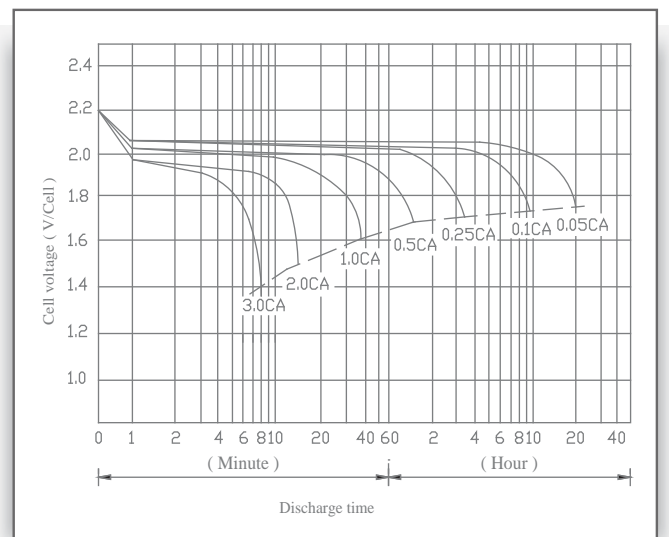


Dimension Type	L	W	w	H	T
F1	6.50	4.75	6.00	5.00	0.80
F2	7.80	6.35	7.80	6.00	0.80

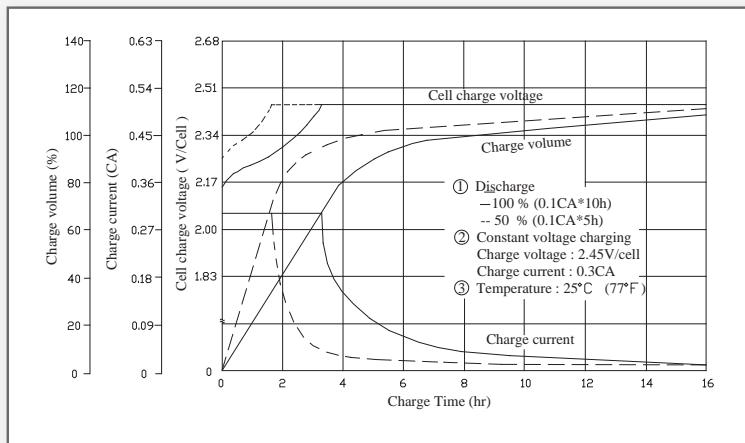
Discharge Time vs. Discharge Current



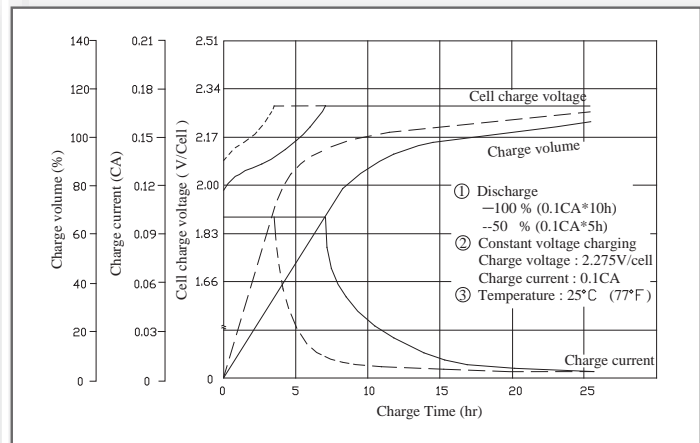
Discharge Characteristics



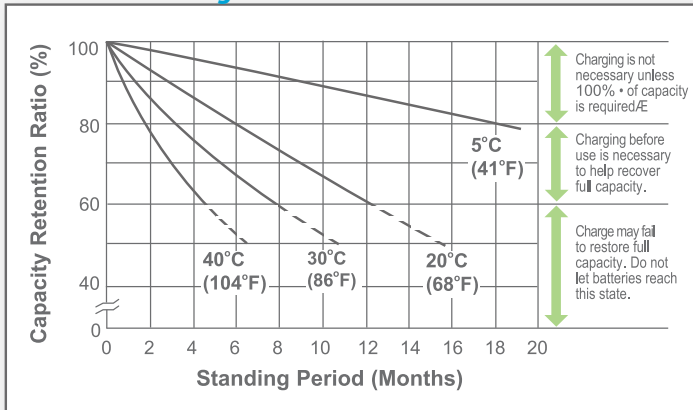
Battery Charging Characteristics for Cyclic Use



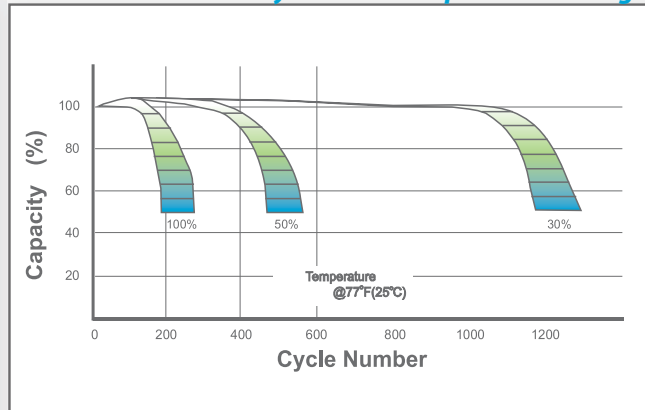
Battery Charging Characteristics for Standby Use



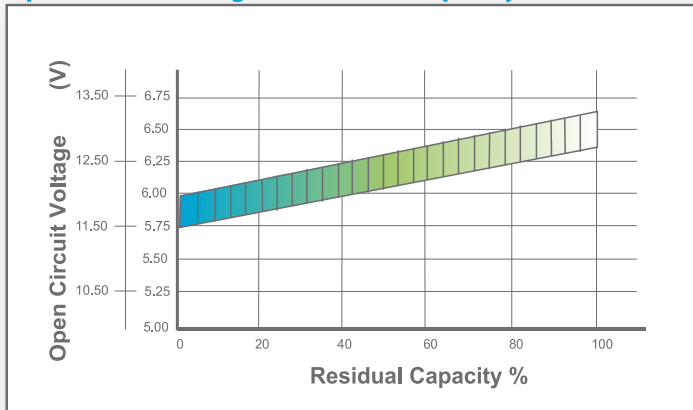
Shelf Life & Storage



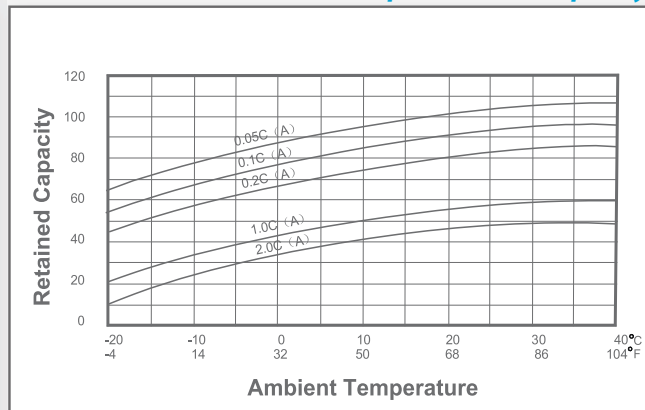
Cycle Life vs Depth of Discharge



Open Circuit Voltage vs Residual Capacity



Effect of Temperature on Capacity



Charge Current & Final Discharge Voltage

Application	Charge Voltage(V/Cell)			Max.Charge Current	Final Discharge Voltage V/Cell	Discharge Current(A)	1.75	1.70	1.60	1.30
	Temperature	Set Point	Allowable Range							
Cycle Use	25°C(77°F)	2.45	2.40~2.50	0.30C	Discharge	0.2C>(A)	0.2C<(A)<0.5C	0.5C<(A)<1.0C	(A)>1.0C	
Standby	25°C(77°F)	2.325	2.30~2.35							



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