



Specification

Nominal Voltage	6 volts		
Nominal Capacity			
20-hr. (0.25A to 5.25 volts)	5.0AH		
10-hr. (.47A)	4.65AH		
5-hr. (.85A)	4.25AH		
1-hr. (3.0A)	3.00AH		
Approximate Weight	2.06 lbs (0.93 kgs)		
Internal Resistance (approx.)	17mΩ		
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%

Charge Method (Constant Voltage)

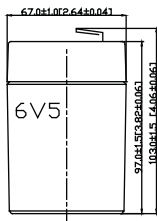
Cycle Use (Repeating Use)

Initial Current	1.5 A or smaller
Control Voltage	14.5 - 14.9 V

Float Use

Control Voltage	13.6 - 13.8 V
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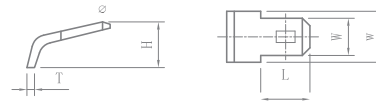
Physical Dimensions: in (mm)



L: 2.63 in (66.8 mm)
W: 2.63 in (66.8 mm)
TH: 4.00 in (101.6 mm)
 Tolerances are +/- 0.04 in. (+/- 1mm) and +/- 0.08 in. (+/- 2mm) for height dimensions. All data subject to change without notice.

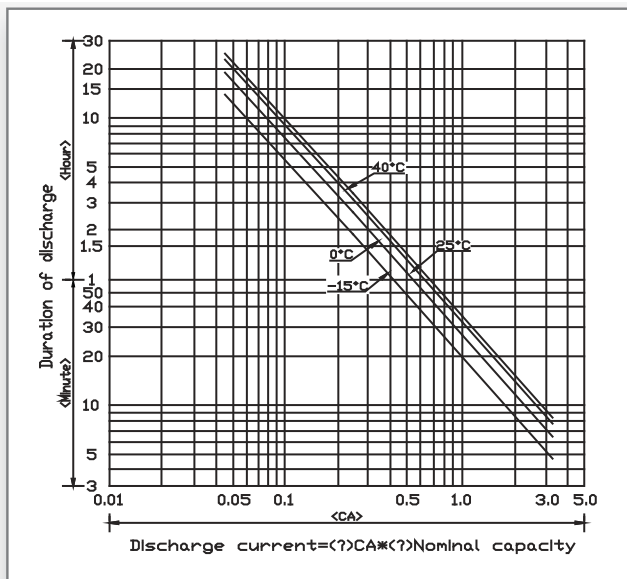
Terminals

F Series (Faston Tabs)

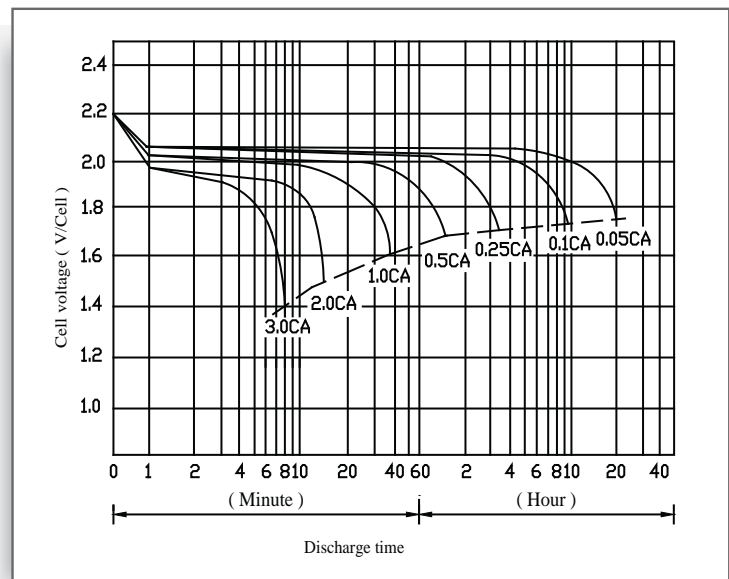


Dimension Type	L	W	w	H	T
F1	6.50	4.75	6.00	5.00	0.80
F2	7.80	6.35	7.80	6.00	0.80

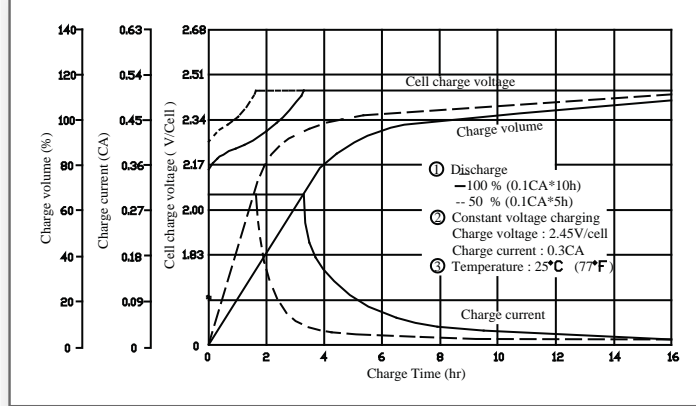
Discharge Time vs. Discharge Current



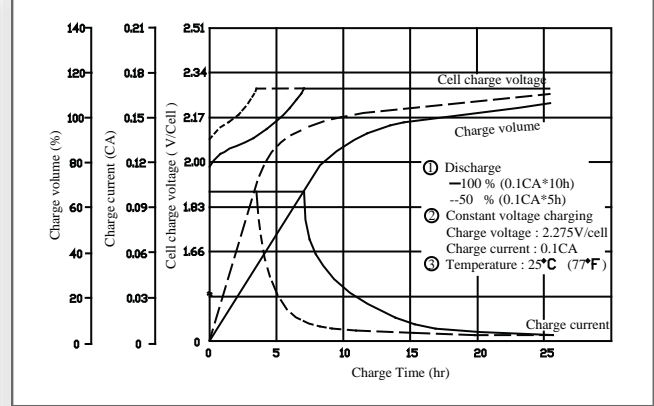
Discharge Characteristics



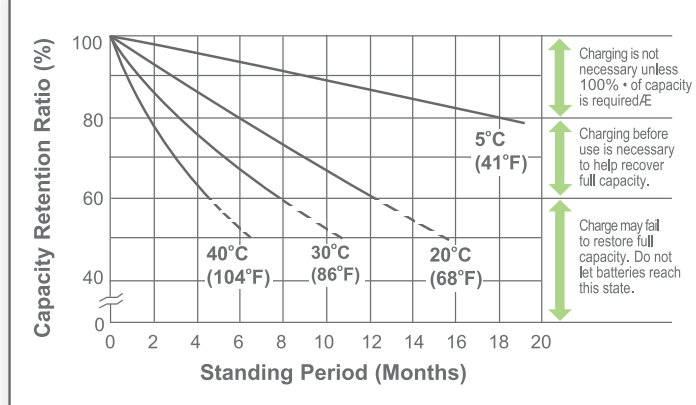
Battery Charging Characteristics for Cyclic Use



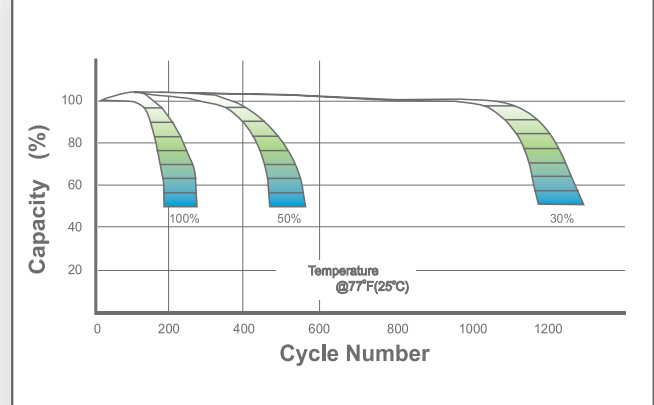
Battery Charging Characteristics for Standby Use



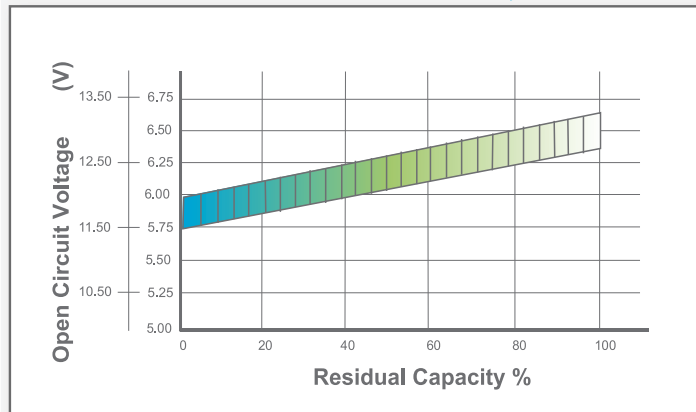
Shelf Life & Storage



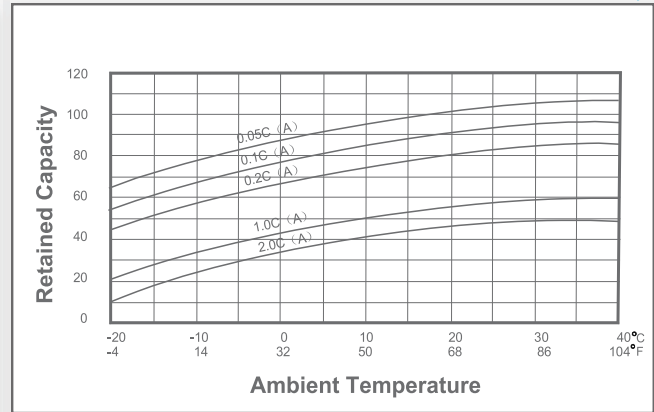
Cycle Life vs Depth of Discharge



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)	Discharge Current(A)	Discharge Current(A)	Discharge Current(A)
	Temperature	Set Point	Allowable Range						
Cycle Use	25°C(77°F)	2.45	2.40-2.50	0.35C	1.75	1.70	1.60	1.30	
Standby	25°C(77°F)	2.325	2.30-2.35		0.2C>(A)	0.2C<(A)<0.5C	0.5C<(A)<1.0C	(A)>1.0C	



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