

Specification

Nominal Voltage		12 volts	
Nominal Capacity		77° F (25° C)	
20-hr. (0.25A)		5.0 Ah	
10-hr. (0.46A)		4.65 Ah	
5-hr. (0.85A)		4.25 Ah	
1-hr. (3.00A)		3.00 Ah	
Approximate Weight		3.09 lbs (1.4 kgs)	
Internal Resistance (approx.)		32mΩ	
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)

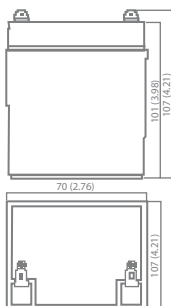
Cycle Use (Repeating Use)

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

Float Use

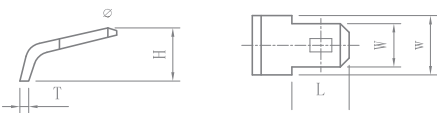
Control Voltage	13.6 - 13.8 V
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Physical Dimensions: in (mm)



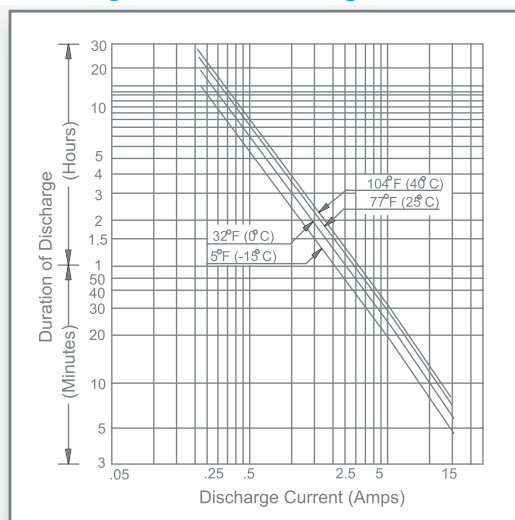
L: 3.54in (90 mm)
W: 2.76in (70.1 mm)
H: 3.98in (101.1 mm)
TH: 4.21in (106.9 mm)
 Tolerances are +/- 0.04 in. (+/- 1mm)
 and +/- 0.08 in. (+/- 2mm) for height
 dimensions. All data subject to
 change without notice.

Terminals

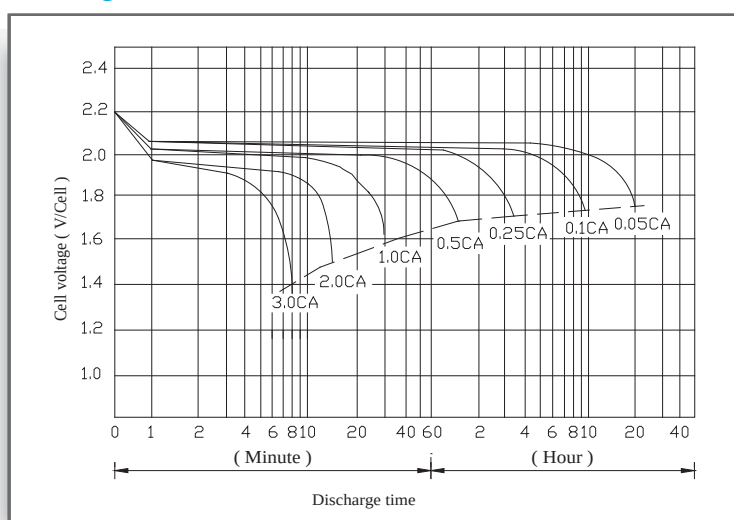


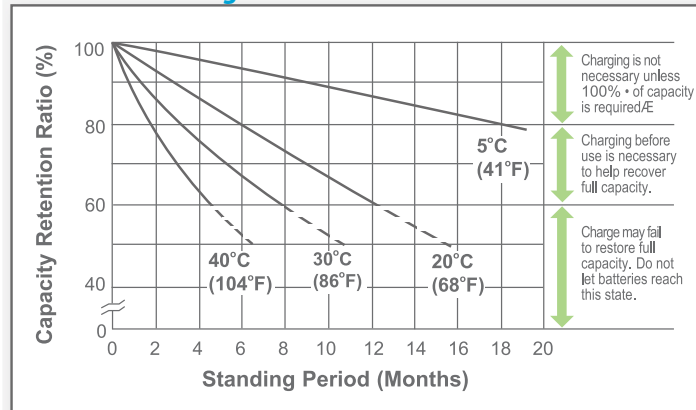
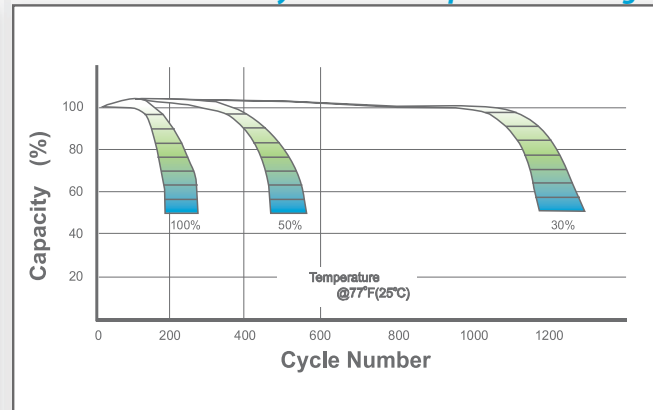
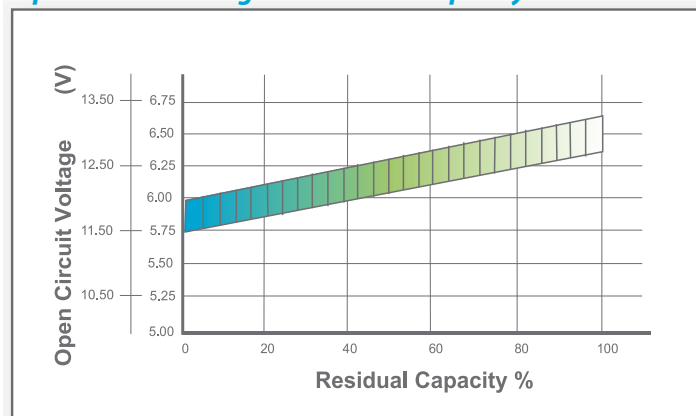
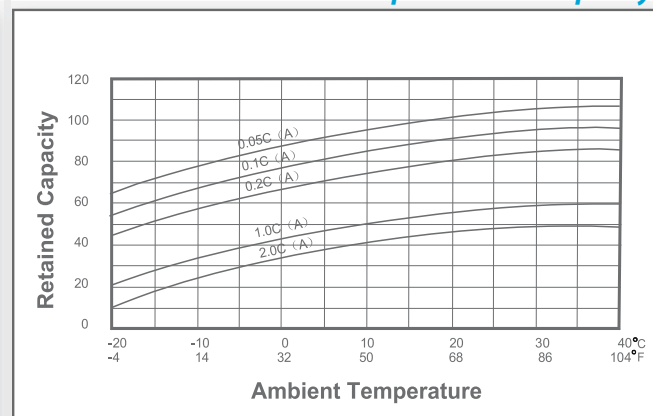
Dimension Type	L	W	w	H	T
F2	7.80	6.35	7.80	6.00	0.80

Discharge Time vs. Discharge Current



Discharge Characteristics



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	1.75	1.70	1.60	1.30
	Temperature	Set Point	Allowable Range		Discharge Current(A)	0.2C>(A)	0.2C<(A)<0.5C	0.5C<(A)<1.0C	(A)>1.0C
Cycle Use	25°C(77°F)	2.45	2.40~2.50	0.3C					
Standby	25°C(77°F)	2.30	2.27~2.3						



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