

Specification

Nominal Voltage		4 volts	
Nominal Capacity		77° F (25° C)	
20-hr.	(0.46A)	9.0 Ah	
10-hr.	(0.91A)	8.80 Ah	
5-hr.	(1.57A)	7.85 Ah	
1-hr.	(5.7A)	5.70 Ah	
Approximate Weight		2.19 lbs (0.995 kgs)	
Internal Resistance (approx.)		10 mΩ	
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%
AGM Operational Temperature		-20°C to 45°C	
AGM Storage Temperature		-20°C to 45°C	



Charge Method (Constant Voltage)

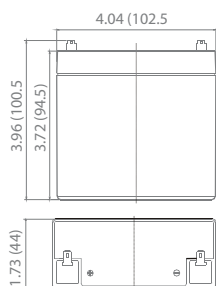
Cycle Use (Repeating Use)

Initial Current	2.7 A or smaller
Control Voltage	4.82 - 4.9 V

Float Use

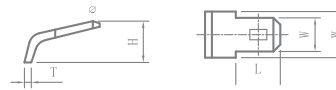
Control Voltage	4.53 - 4.6 V
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Physical Dimensions: in (mm)



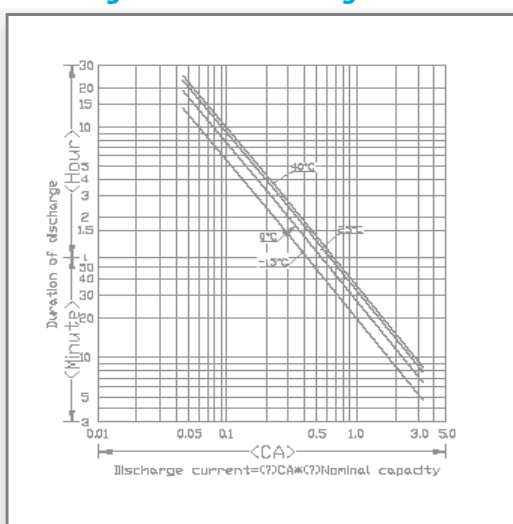
L: 4.04in (102.5mm)
W: 1.73in (44mm)
H: 3.72in (94.5 mm)
TH: 3.96in (100.5 mm)
 Tolerances are +/- 0.04 in. (+/- 1mm) and +/- 0.08 in. (+/- 2mm) for height dimensions. All data subject to change without notice.

Terminals

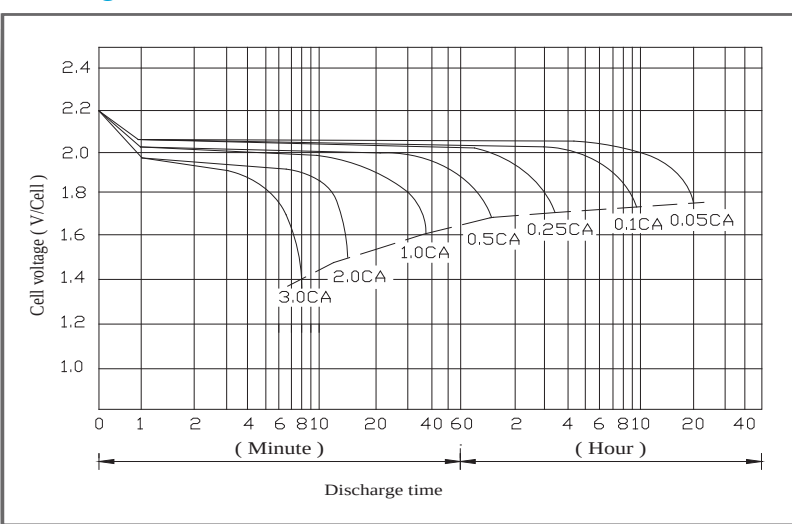


Dimension Type	L	W	w	H	T
F1	6.50 mm 0.26 in	4.75 mm 0.19 in	6.00 mm 0.24 in	5.00 mm 0.20 in	0.80 mm 0.03 in

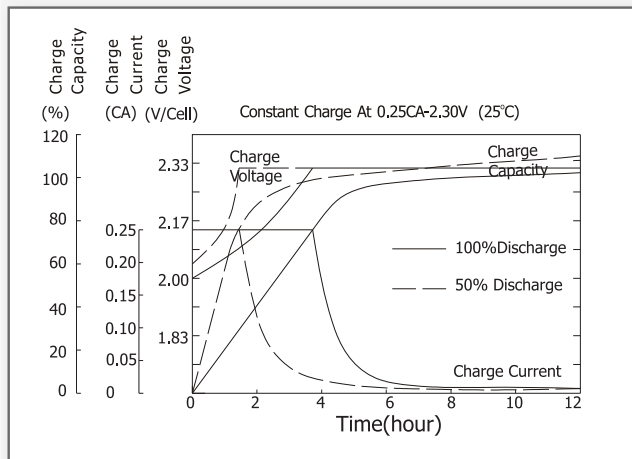
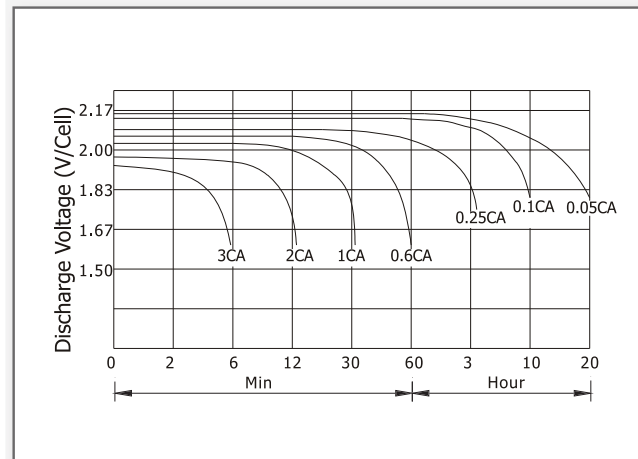
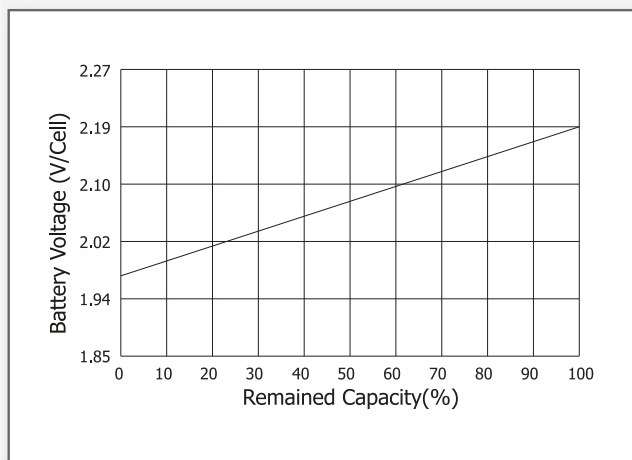
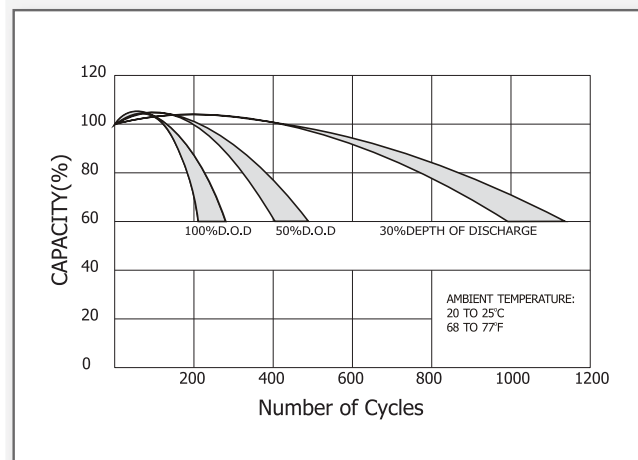
Discharge Time vs. Discharge Current



Discharge Characteristics



Maintenance-Free

Charge Characteristic**Discharge Characteristic****Relationship of OCV and state of charge****Cycle Service Life****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	0.30C					
Standby	25°C(77°F)	2.275	2.25~2.30						