

Specification

Nominal Voltage	12 volts
Nominal Capacity	77° F (25° C)
20-hr. (0.60A)	12.0 Ah
10-hr. (1.08A)	10.8 Ah
5-hr. (1.92A)	9.60 Ah
1-hr. (7.20A)	7.20 Ah
Approximate Weight	7.14 lbs (3.23 kg)
Internal Resistance (approx.)	20mΩ
Shelf Life (% of normal capacity at 68° F (20° C)	
3 Months	6 Months
91%	83%
12 Months	64%
Temperature Dependency of Capacity (20 hour rate)	
104° F (40°C)	77° F (25°C)
32° F (0°C)	5° F (-15°C)
102%	100%
85%	65%
AGM Operational Temperature	
Charge	32°F to 104°F (0°C to 40°C)
Discharge	5°F to 113°F (-15°C to 45°C)
AGM Storage Temperature	5°F to 104°F (-15°C to 40°C)



Due to continuous improvements to our products, product may vary slightly from depiction.

Charge Method (Constant Voltage)

Cycle Use (Repeating Use)

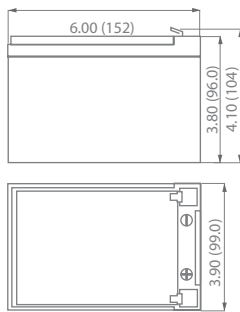
Initial Current 3.6 A or smaller

Control Voltage 14.6-14.8 V

Float Use

Control Voltage 13.6-13.8 V

Physical Dimensions: in (mm)



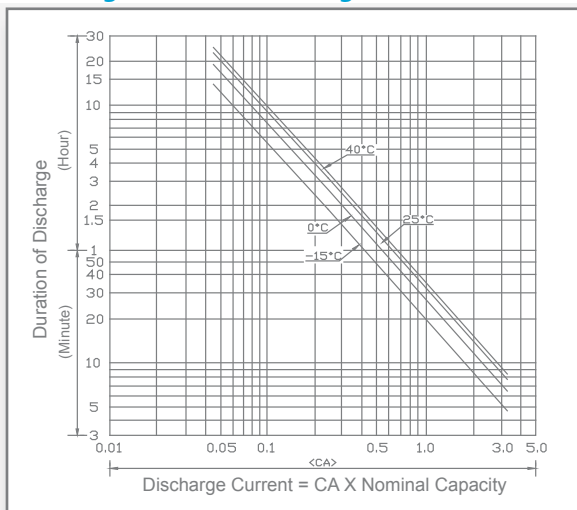
L: 6.00 in (152 mm)
W: 3.90 in (99.0 mm)
H: 3.80 in (96.0 mm)
TH: 4.10 in (104 mm)
Tolerances are +/- 0.04 in. (+/- 1mm) and +/- 0.08 in. (+/- 2mm) for height dimensions. All data subject to change without notice.

Terminals

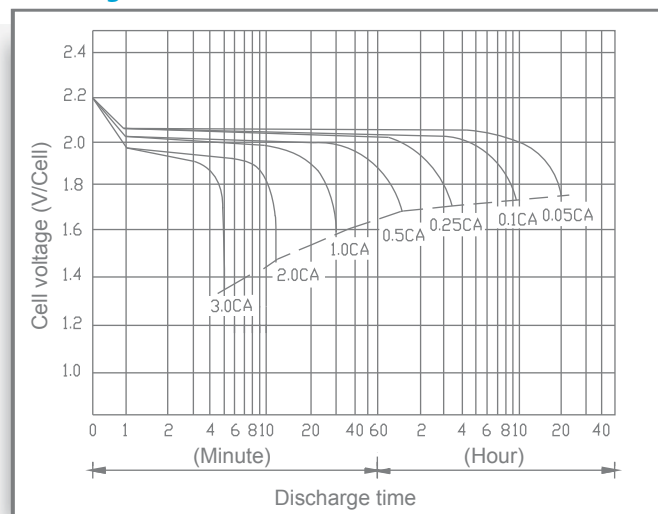


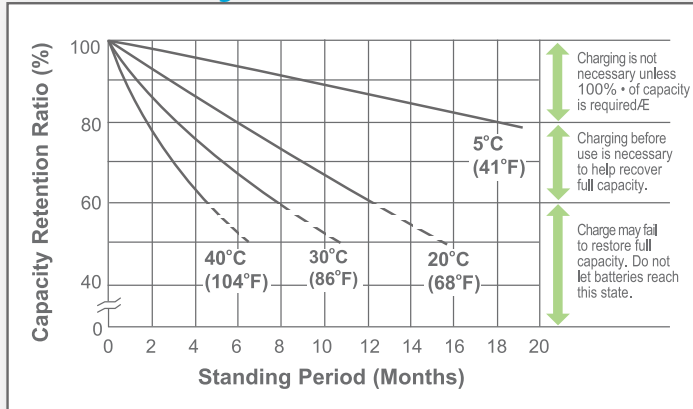
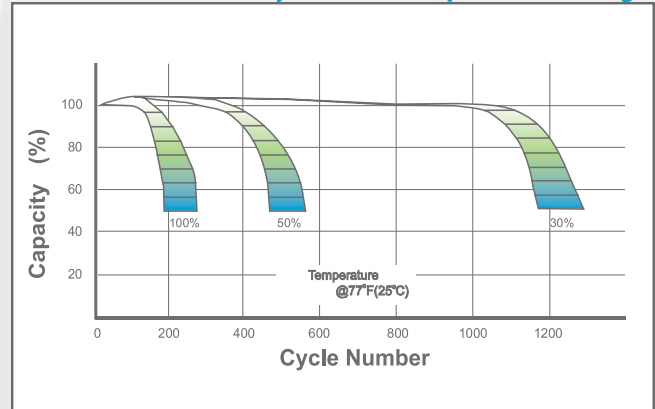
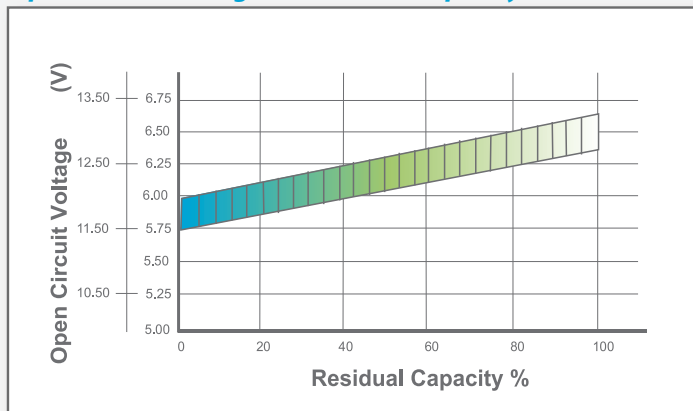
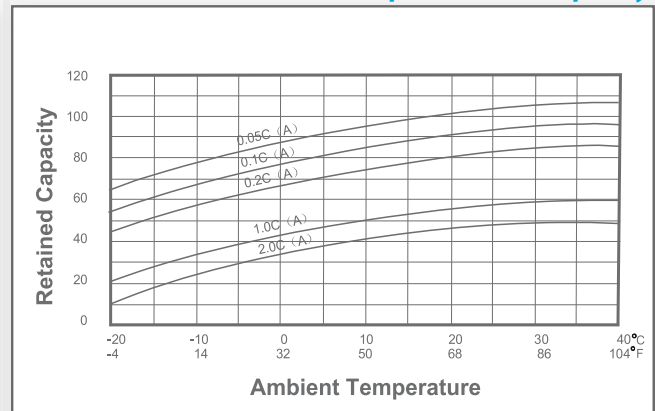
Type	L	W	w	T
F2	7.9 mm 0.31 in	6.4 mm 0.25 in	8.2 mm 0.32 in	.8 mm 0.03 in

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	2.43~2.47	0.30C					
Standby	25°C(77°F)	2.28	2.27~2.30						