



POWERSTRIDE BATTERY

UPG No. D5738

UB1213

Maintenance-Free

Specification

Nominal Voltage	12 volts		
Nominal Capacity	77° F (25° C)		
20-hr. (0.065A)	1.3 Ah		
10-hr. (0.12A)	1.2 Ah		
5-hr. (0.22A)	1.1Ah		
1-hr. (0.78A)	0.78 Ah		
Approximate Weight	1.21 lbs		
Internal Resistance (approx.)	61mΩ		
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			
Charge	0°C to 40°C		
Discharge	-15°C to 45°C		
AGM Storage Temperature	-15°C to 40°C		



Charge Method (Constant Voltage)

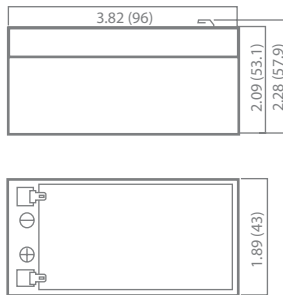
Cycle Use (Repeating Use)

Initial Current	0.39 A or smaller
Control Voltage	14.5 - 14.9 V

Float Use

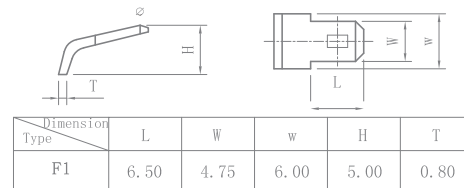
Control Voltage	13.6 - 13.8 V
-----------------	---------------

Physical Dimensions: in (mm)

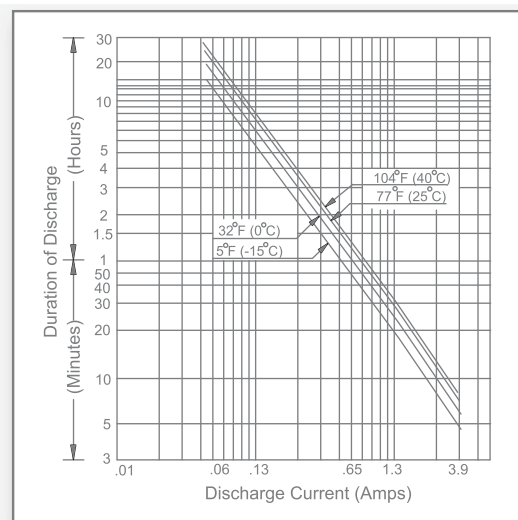


L: 3.82in (96.0 mm)
W: 1.89in (43 mm)
H: 2.09in (53.1 mm)
TH: 2.28in (57.9 mm)
 Tolerances are +/- 0.04 in. (+/- 1mm) and +/- 0.08 in. (+/- 2mm) for height dimensions. All data subject to change without notice.

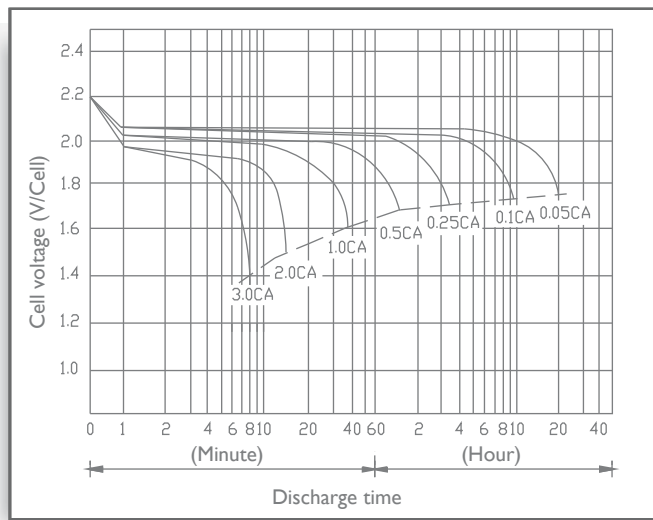
Terminals



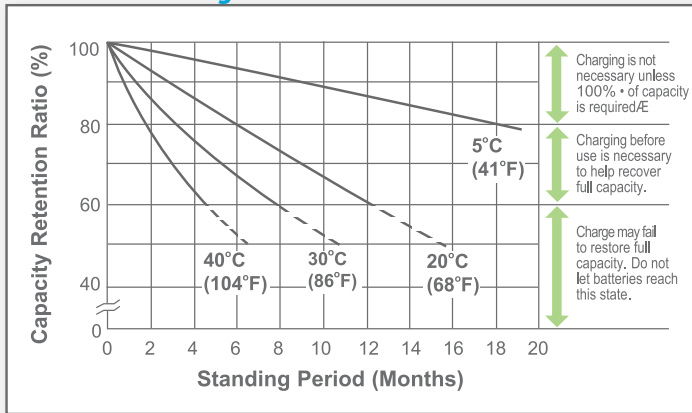
Discharge Time vs. Discharge Current



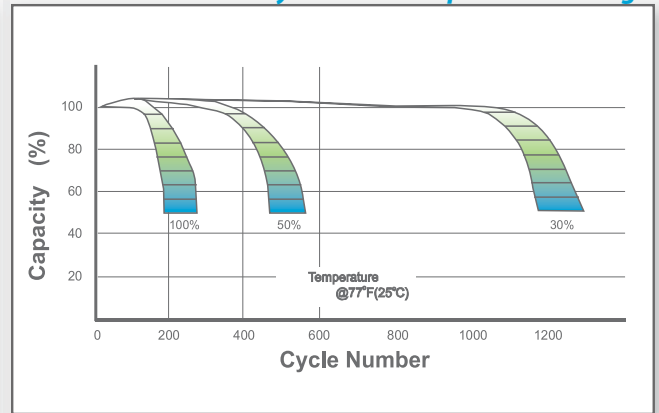
Discharge Characteristics



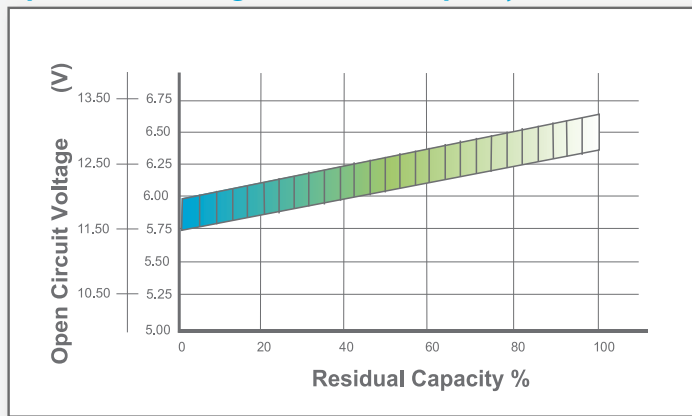
Shelf Life & Storage



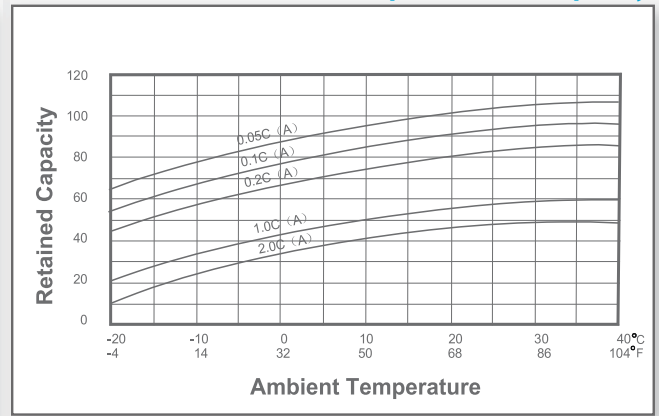
Cycle Life vs Depth of Discharge



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	Discharge Current(A)
	Temperature	Set Point	Allowable Range			
Cycle Use	25°C(77°F)	2.45	2.40~2.50	0.3C	1.75	1.70
Standby	25°C(77°F)	2.30	2.30~2.35		1.60	1.30