



UPG Sealed Lead-Acid Battery

STAY POWERED®

Absorbant Glass Mat (AGM) technology for superior performance. Valve regulated, spill proof construction allows safe operation in any position. Approved for transport by air. D.O.T., I.A.T.A., F.A.A. and C.A.B. certified. U.L. recognized under file number MH 20567.

UPG No. D5775

UB12120

Maintenance-Free

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)		9.6 Ah
1-hr.	(7.20A)		7.20 Ah
Approximate Weight			8.16 lbs (3.7 kg)
Internal Resistance (approx.)			20mΩ
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)

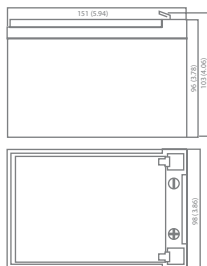
Cycle Use (Repeating Use)

Initial Current	3.6 A or smaller
Control Voltage	14.5-14.9 V

Float Use

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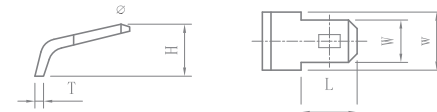
Physical Dimensions: in (mm)



L: 5.94in (151 mm)
W: 3.88in (99 mm)
H: 3.78in (96 mm)
TH: 4.06in (103 mm)

Tolerances are +/- 0.04 in. (+/- 1mm) and +/- 0.08 in. (+/- 2mm) for height dimensions. All data subject to change without notice.

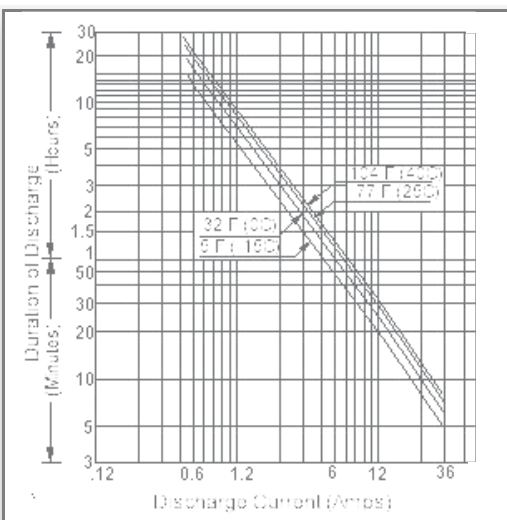
Terminals



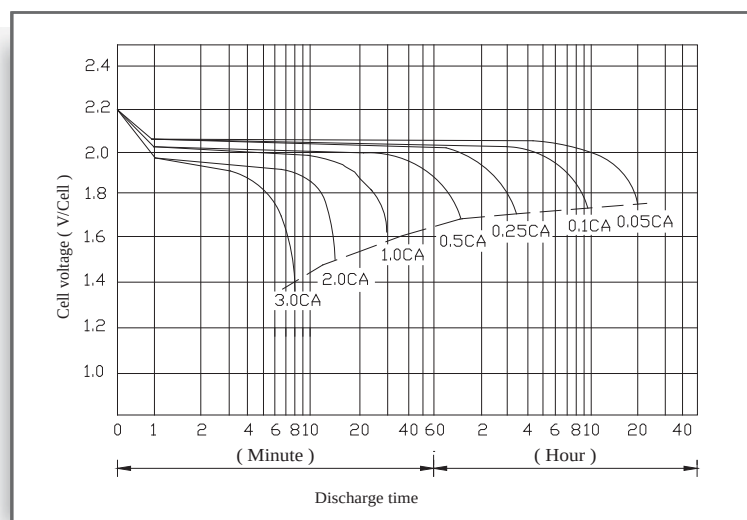
F Series (Faston Tabs)

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

Discharge Time vs. Discharge Current



Discharge Characteristics

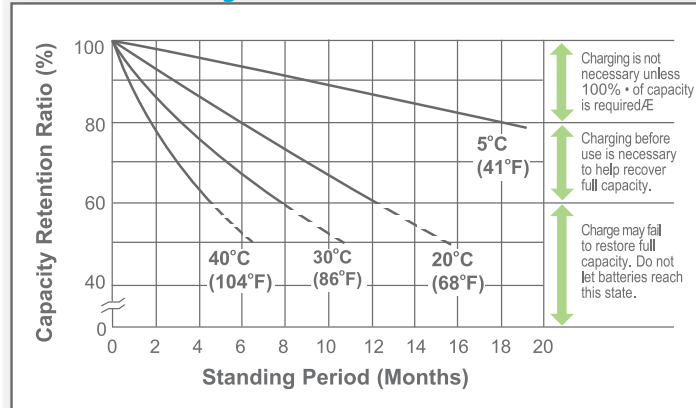
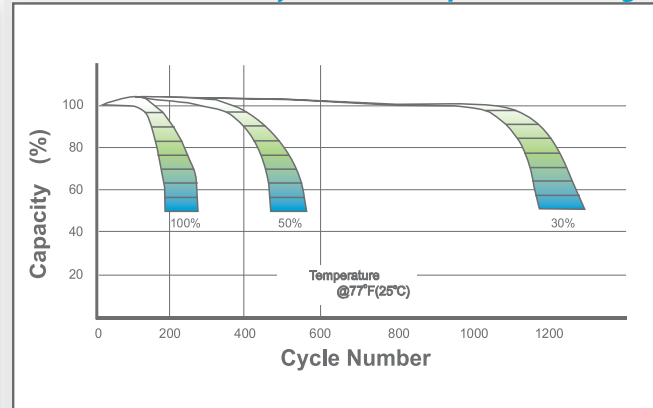
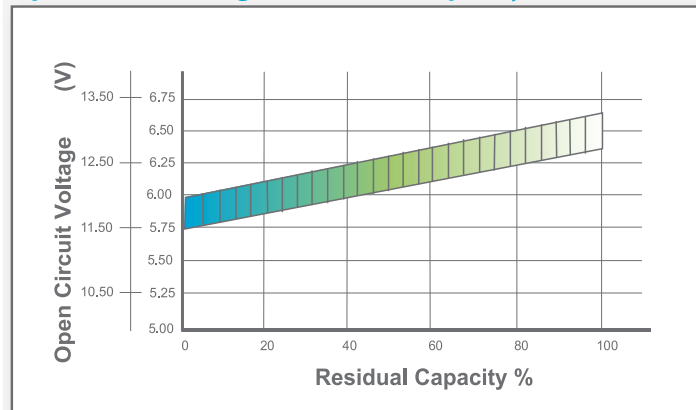
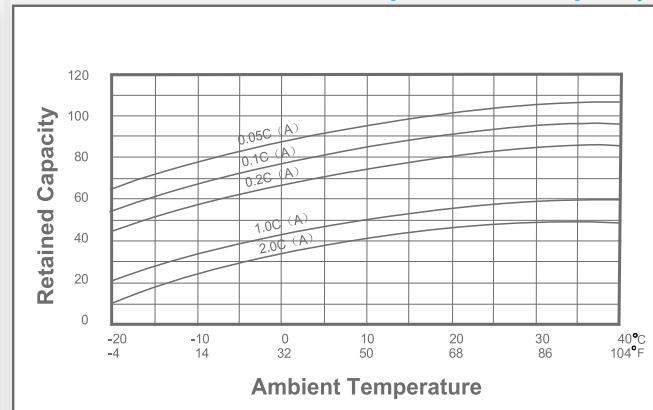


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ISO 9001 :2008

N1117-1

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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						
Cycle Use	25°C (77°F)	2.45	2.40~2.50	0.30°C	Discharge Current (A)	0.2C > (A)	0.2C < (A) < 0.5C	0.5C < (A) < 1.0C	(A) > 1.0C
Standby	25°C (77°F)	2.30	2.27~2.30						



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Let UPG Power Your Life.

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