



# Sealed Lead-Acid Battery

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. D5897

## UB5-6F

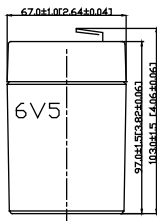
Maintenance-Free

### Specification

<b>Nominal Voltage</b>	6 volts		
<b>Nominal Capacity</b>	20-hr (0.25A to 5.25 volts) 5.0Ah		
<b>Approximate Weight</b>	1.87 lbs (0.85 kgs)		
<b>Terminal - Connector Insert</b>	L Type		
<b>Max Discharge Current for 5 sec. (A)</b>	70 A		
<b>Max Charge Current (A)</b>	1.0A		
<b>Ambient Temperature</b>	0°C (32°F) to 40°C (104°F)		
Charge	0°C (32°F) to 40°C (104°F)		
Discharge	-20°C (-4°F) to 50°C (122°F)		
Storage	-20°C (-4°F) to 40°C (104°F)		
<b>Expected Life for Standby Use at 20°C</b>	1-3 Years		
<b>Case</b>	ABS Plastic		
<b>Shelf Life</b> (% of normal capacity at 77° F (25° C))	3 Months 6 Months 12 Months		
	91% 82% 64%		
<b>Temperature Dependency of Capacity</b> (20 hour rate)	104° F 77° F 32° F 5° F		
	102% 100% 85% 65%		



### Physical Dimensions: in (mm)

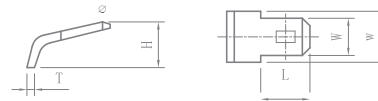


**L:** 2.6 in (66 mm)  
**W:** 2.6 in (66 mm)  
**H:** 3.78 in (96 mm)  
**TH:** 4.06 in (103 mm)

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

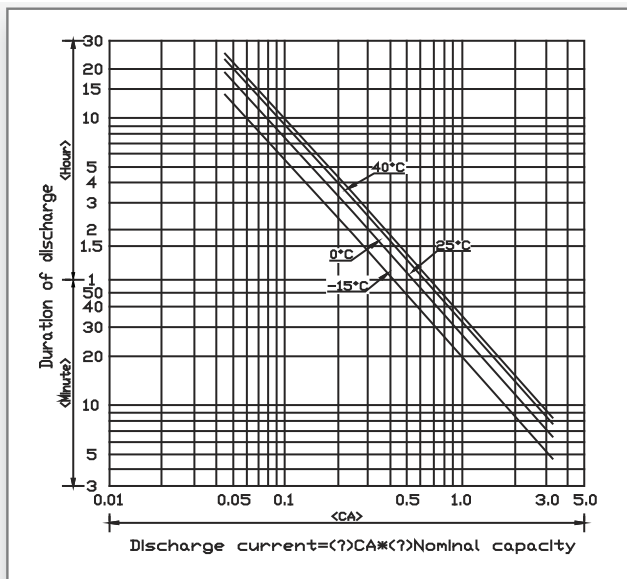
### Terminals

### F Series (Faston Tabs)

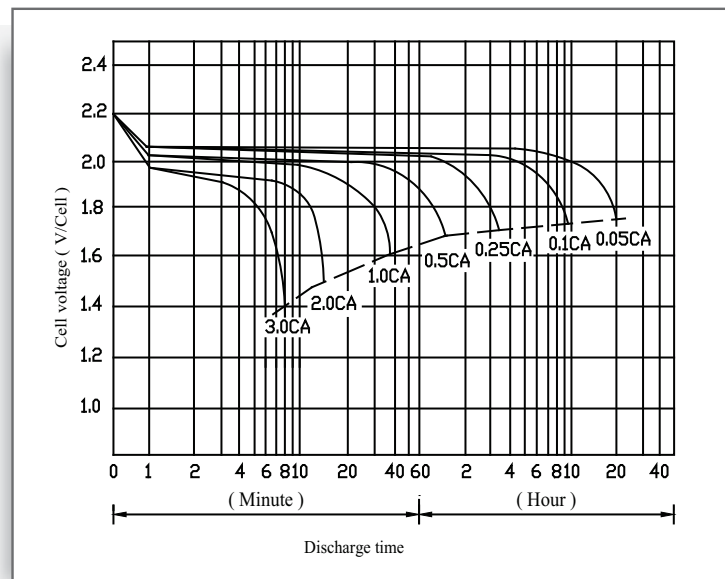


Dimension Type	L	W	w	H	T
F1	6.50	4.75	6.00	5.00	0.80
F2	7.80	6.35	7.80	6.00	0.80

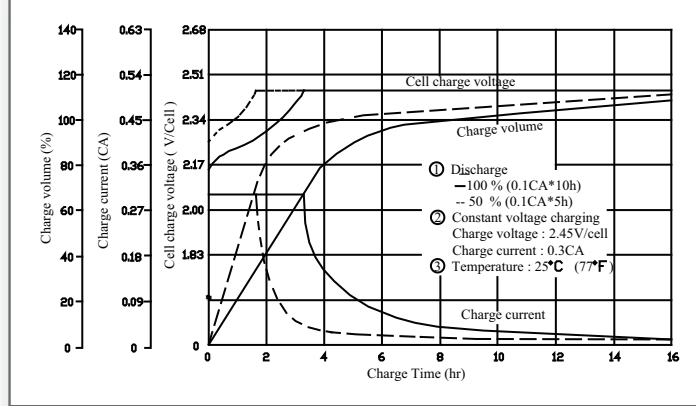
### Discharge Time vs. Discharge Current



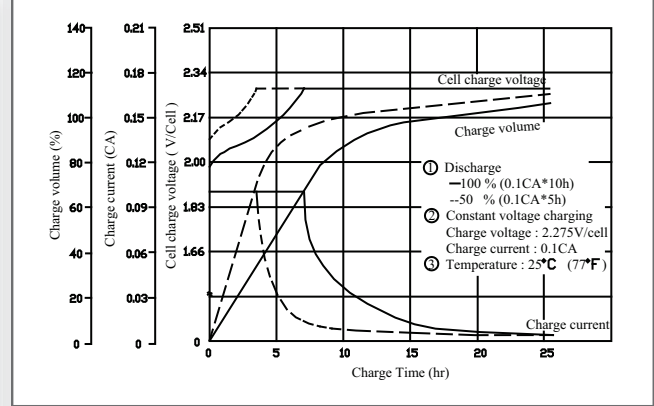
### Discharge Characteristics



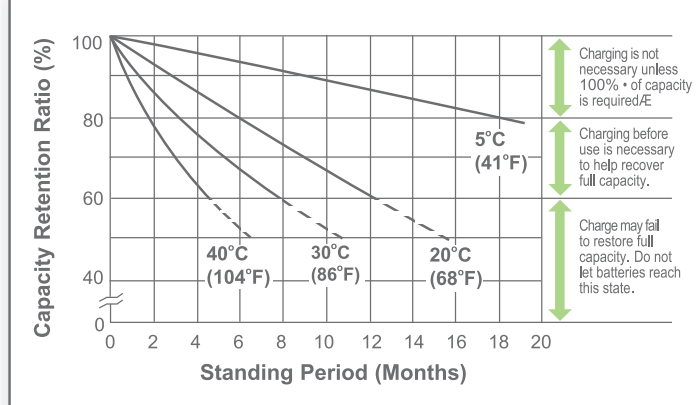
### Battery Charging Characteristics for Cyclic Use



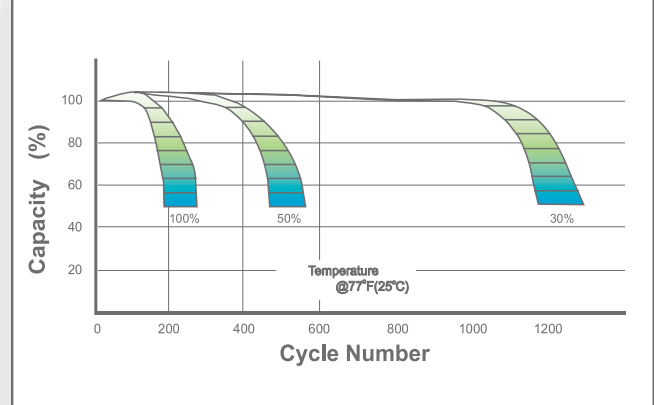
### Battery Charging Characteristics for Standby Use



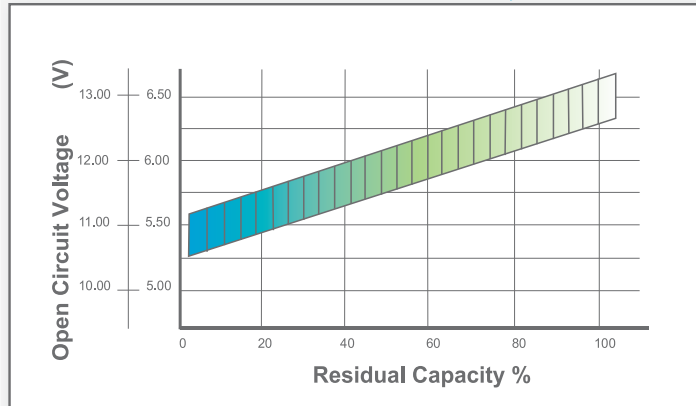
### Shelf Life & Storage



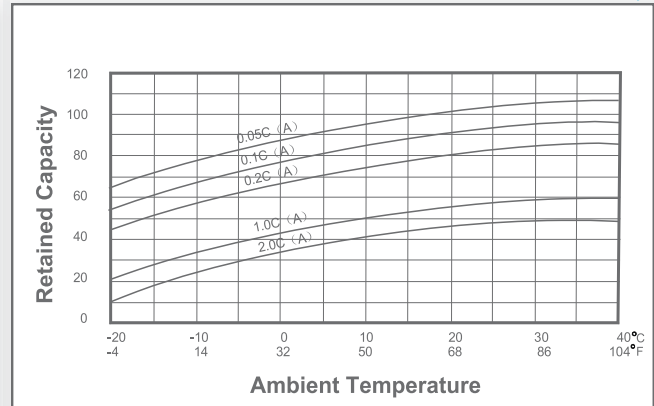
### Cycle Life vs Depth of Discharge



### 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)	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	0.35C	1.75	0.2C<(A)	0.2C<(A)<0.5C	0.5C<(A)<1.0C	(A)>1.0C	
Standby	25°C(77°F)	2.325	2.30~2.35							



ISO 9001 :2008

Let UPG Power Your Life.

www.upgi.com