

### Specification

|                                                          |              |                              |                |
|----------------------------------------------------------|--------------|------------------------------|----------------|
| <b>Nominal Voltage</b>                                   |              | 12 volts                     |                |
| <b>Nominal Capacity</b>                                  |              | 77° F (25° C)                |                |
| 20-hr.                                                   | (0.60A)      | 12.0 Ah                      |                |
| 10-hr.                                                   | (1.12A)      | 11.2 Ah                      |                |
| 5-hr.                                                    | (2.04A)      | 10.2 Ah                      |                |
| 1-hr.                                                    | (7.20A)      | 7.20 Ah                      |                |
| <b>Approximate Weight</b>                                |              | 7.14 lbs (3.24 kg)           |                |
| <b>Internal Resistance</b> (approx.)                     |              | 14mΩ                         |                |
| <b>Shelf Life</b> (% of normal capacity at 68° F (20° C) |              |                              |                |
| 3 Months                                                 |              | 6 Months                     | 12 Months      |
| 91%                                                      |              | 83%                          | 64%            |
| <b>Temperature Dependency of Capacity</b>                |              |                              | (20 hour rate) |
| 104° F (40°C)                                            | 77° F (25°C) | 32° F (0°C)                  | 5° F (-15°C)   |
| 102%                                                     | 100%         | 85%                          | 65%            |
| <b>AGM Operational Temperature</b>                       |              |                              |                |
| Charge                                                   |              | 32°F to 104°F (0°C to 40°C)  |                |
| Discharge                                                |              | 5°F to 113°F (-15°C to 45°C) |                |
| <b>AGM Storage Temperature</b>                           |              | 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)

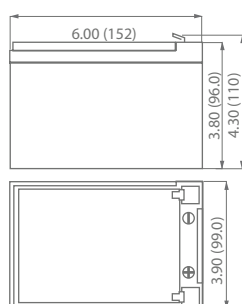
### Cycle Use (Repeating Use)

|                 |                  |
|-----------------|------------------|
| Initial Current | 3.6 A or smaller |
| Control Voltage | 14.6-14.8 V      |

### Float Use

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

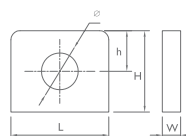
### Physical Dimensions: in (mm)



**L:** 6.00 in (152 mm)  
**W:** 3.90 in (99.0 mm)  
**H:** 3.80 in (96.0 mm)  
**TH:** 4.30 in (110 mm)  
 Tolerances are +/- 0.04 in. (+/- 1 mm) and +/- 0.08 in. (+/- 2 mm) for height dimensions. All data subject to change without notice.

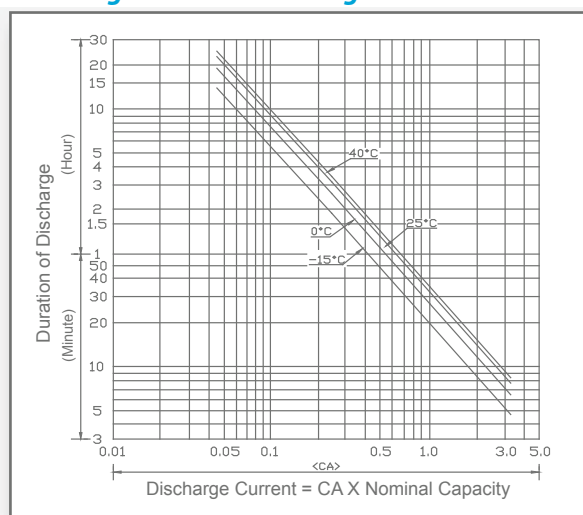
### Terminals

### T Series (Tab Terminal)

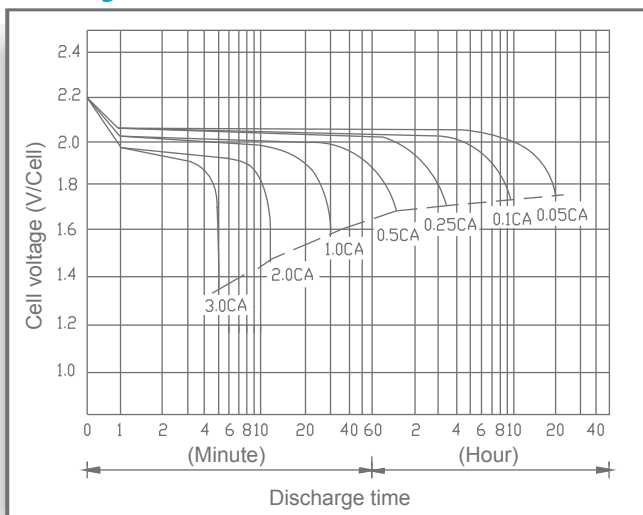


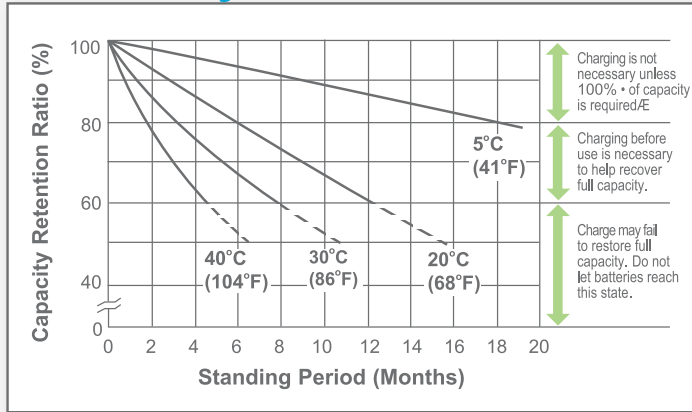
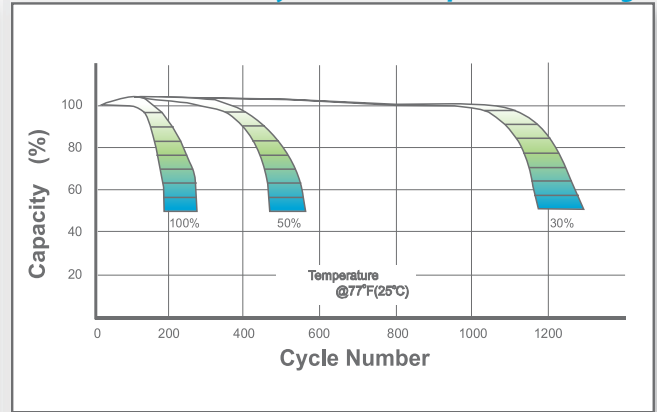
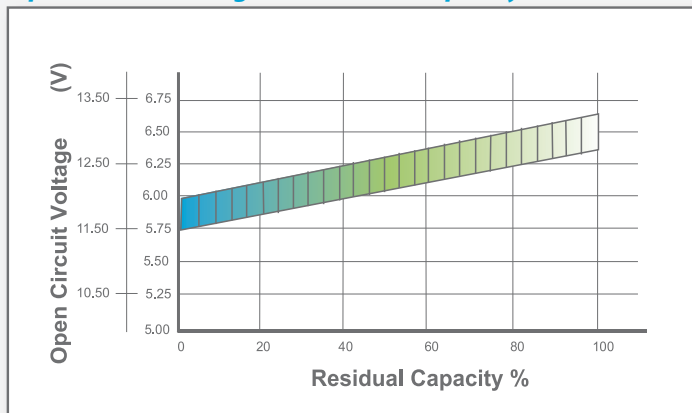
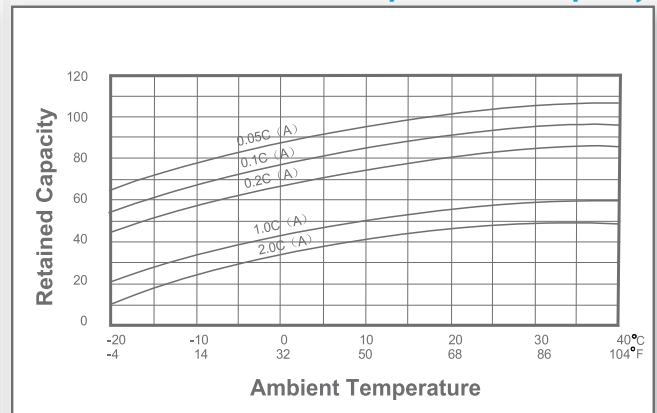
| Dimension Type | L                  | W                  | H                | h                 | φ                 |
|----------------|--------------------|--------------------|------------------|-------------------|-------------------|
| <b>T5</b>      | 12.0 mm<br>0.47 in | 3.00 mm<br>0.12 in | 14 mm<br>0.55 in | 5.0 mm<br>0.20 in | 5.9 mm<br>0.23 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 |                    |                                |          |               |               |          |
| 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       |                    |                                |          |               |               |          |