

Specification

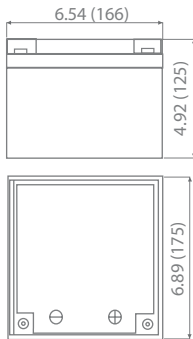
| | | | |
|---|------------------------------|-----------|------|
| Nominal Voltage | 12 volts | | |
| Nominal Capacity | 77° F (25° C) | | |
| 20-hr. (1.30A) | 26.0 Ah | | |
| 10-hr. (2.42A) | 24.2 Ah | | |
| 5-hr. (4.42A) | 22.1 Ah | | |
| 1-hr. (15.6A) | 15.6 Ah | | |
| Approximate Weight | 17.6 lbs (8.0 kgs) | | |
| Internal Resistance (approx.) | 11mΩ | | |
| Shelf Life (% of normal capacity at 68° F (20° C)) | | | |
| 3 Months | 6 Months | 12 Months | |
| 91% | 83% | 64% | |
| Temperature Dependency of Capacity (20 hour rate) | | | |
| 104° F | 77° F | 32° F | 5° F |
| 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.

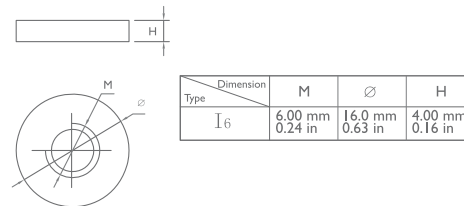
| | | |
|---|------------------|--|
| Charge Method (Constant Voltage) | | |
| Cycle Use (Repeating Use) | | |
| Initial Current | 7.8 A or smaller | |
| Control Voltage | 14.6 - 14.8 V | |
| Float Use | | |
| Control Voltage | 13.6 - 13.8 V | |

Physical Dimensions: in (mm)

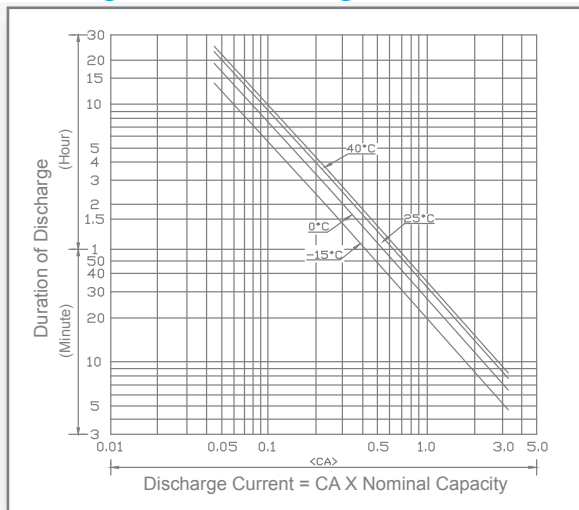


L: 6.54 in (166 mm)
W: 6.89 in (175 mm)
H: 4.92 in (125 mm)
TH: 4.92 in (125 mm)
 Tolerances are +/- 0.04 in. (+/- 1mm) and +/- 0.08 in. (+/- 2mm) for height dimensions. All data subject to change without notice.

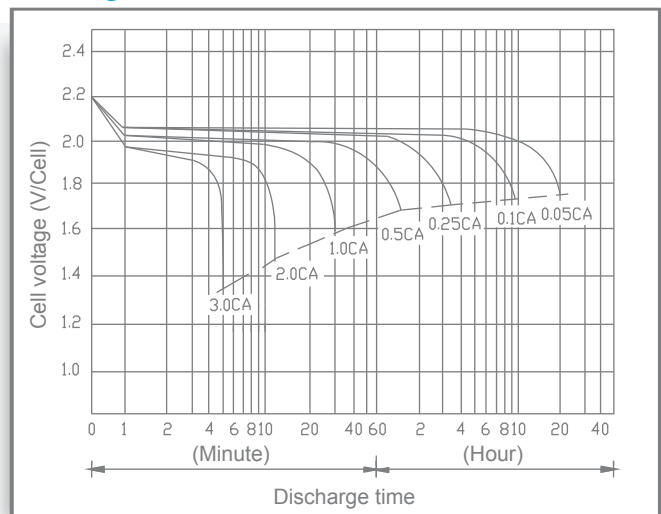
Terminals



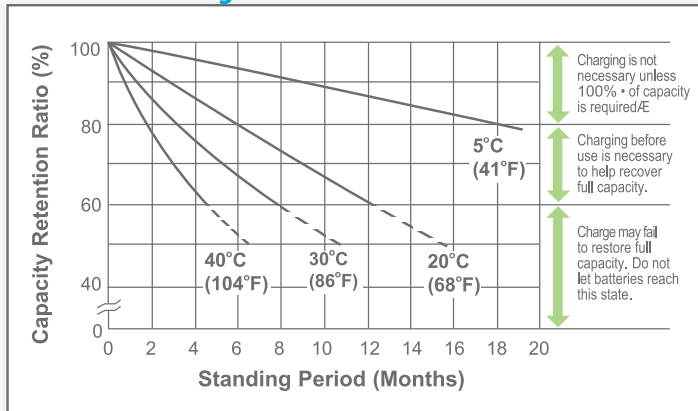
Discharge Time vs. Discharge Current



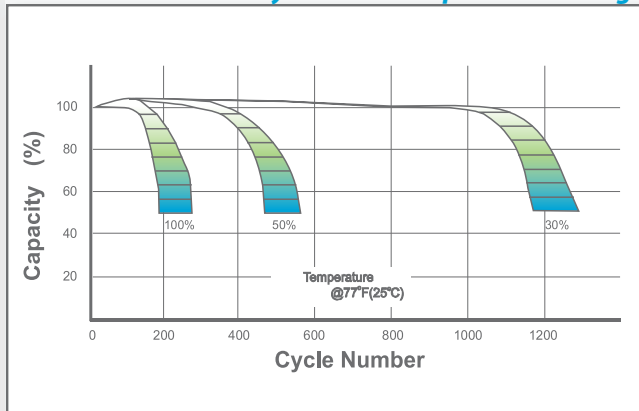
Discharge Characteristics



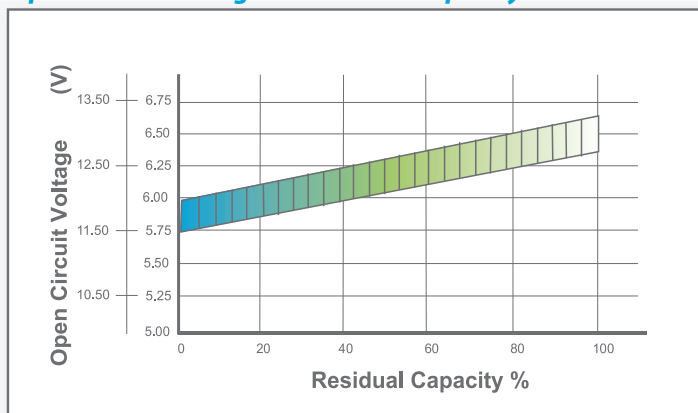
Shelf Life & Storage



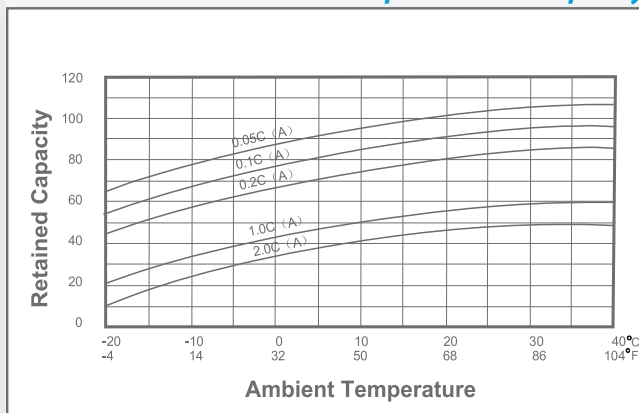
Cycle Life vs Depth of Discharge



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 | 1.75 | 1.70 | 1.60 | 1.30 |
|-------------|------------------------|-----------|-----------------|--------------------|--------------------------------|----------|---------------|---------------|----------|
| | Temperature | Set Point | Allowable Range | | | | | | |
| Cycle Use | 25°C(77°F) | 2.45 | 2.43~2.47 | 0.30C | Discharge Current(A) | 0.2C>(A) | 0.2C<(A)<0.5C | 0.5C<(A)<1.0C | (A)>1.0C |
| Standby | 25°C(77°F) | 2.28 | 2.27~2.30 | | | | | | |