

Specification

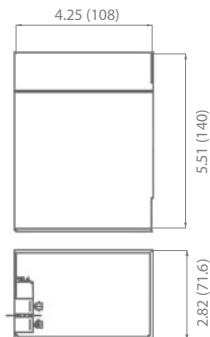
| | | | |
|---|----------------------------------|--------------|---------------|
| Nominal Voltage | 6 volts | | |
| Nominal Capacity | 77° F (25° C) | | |
| 20-hr. (0.65 A) | 13.0 Ah | | |
| 10-hr. (1.20 A) | 12.1 Ah | | |
| 5-hr. (2.20 A) | 11.0 Ah | | |
| 1-hr. (7.80 A) | 7.80 Ah | | |
| Approximate Weight | 5.07 lbs (2.30 kgs) | | |
| Internal Resistance (approx.) | 15mΩ | | |
| 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 (40° C) | 77° F (25° C) | 32° F (0° C) | 5° F (-15° C) |
| 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.

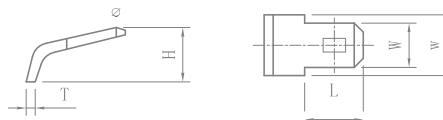
| | | |
|---|------------------|--|
| Charge Method (Constant Voltage) | | |
| Cycle Use (Repeating Use) | | |
| Initial Current | 3.9 A or smaller | |
| Control Voltage | 7.30 - 7.4 V | |
| Float Use | | |
| Control Voltage | 6.80 - 6.90 V | |

Physical Dimensions: in (mm)



L: 4.25 in (108 mm)
W: 2.82 in (71.6 mm)
H: 5.51 in (140 mm)
TH: 5.51 in (140 mm)
 Tolerances are +/- 0.04 in. (+/- 1mm) and +/- 0.08 in. (+/- 2mm) for height dimensions. All data subject to change without notice.

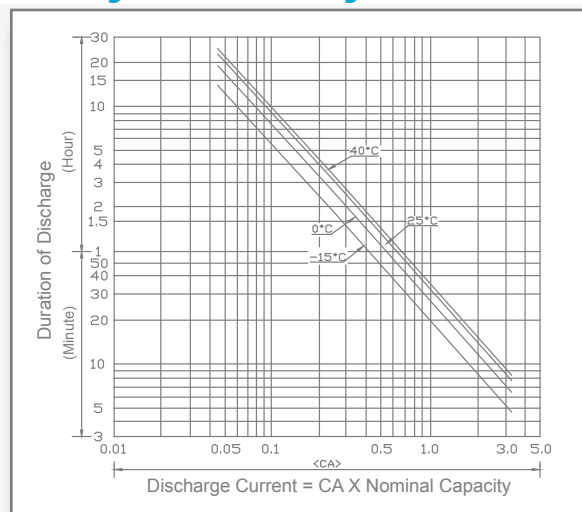
Terminals



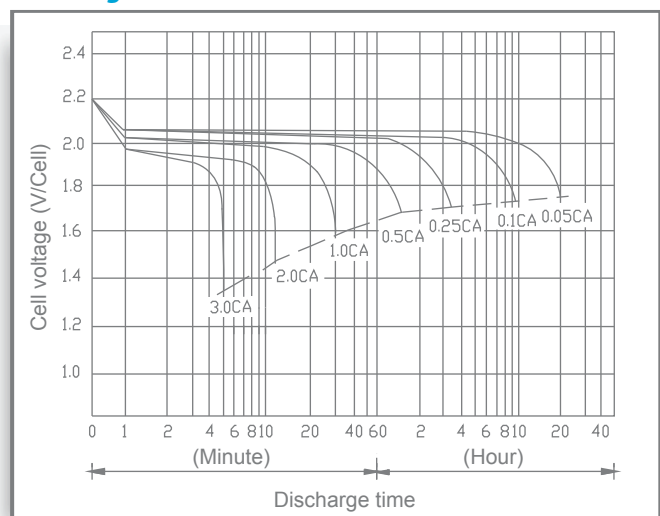
| Terminal | Type | Dimension | | | | |
|----------|------|-----------|---------|---------|---------|---------|
| | | L | W | w | H | T |
| Negative | F1 | 6.50 mm | 4.75 mm | 6.00 mm | 5.00 mm | 0.80 mm |
| | | 0.26 in | 0.19 in | 0.24 in | 0.20 in | 0.03 in |
| Positive | F2 | 7.80 mm | 6.35 mm | 7.80 mm | 6.00 mm | 0.80 mm |
| | | 0.31 in | 0.25 in | 0.31 in | 0.24 in | 0.03 in |



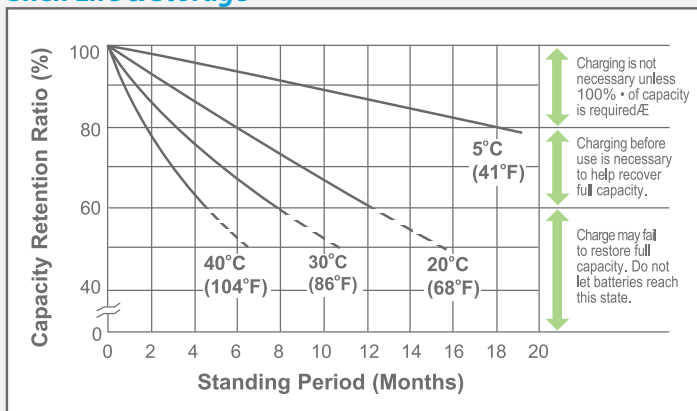
Discharge Time vs. Discharge Current



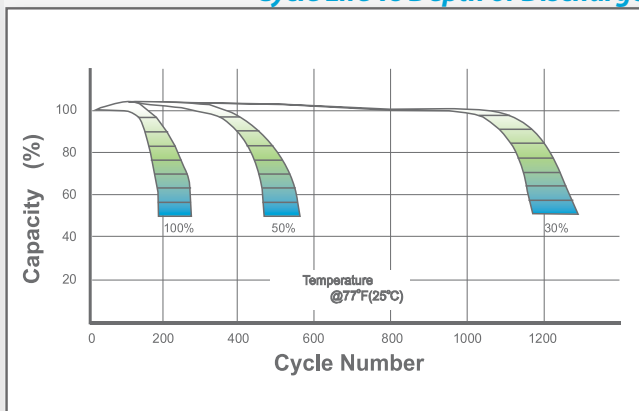
Discharge Characteristics



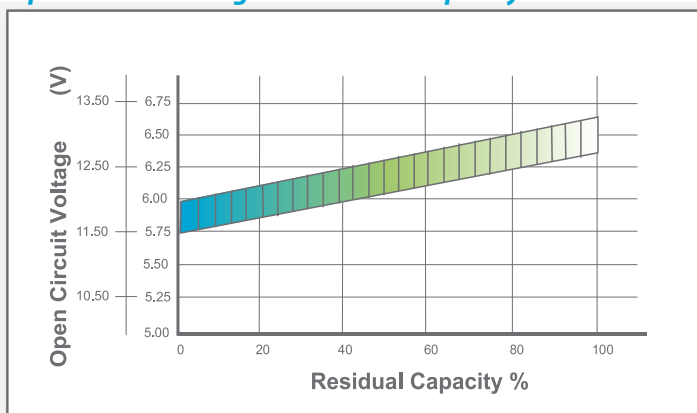
Shelf Life & Storage



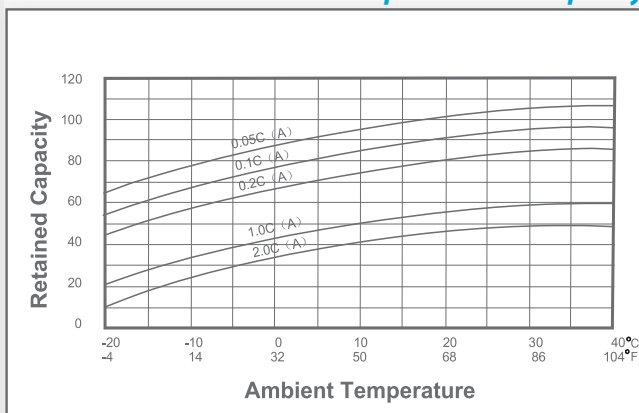
Cycle Life vs Depth of Discharge



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 | 2.43~2.47 | 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 | | | | | | |



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