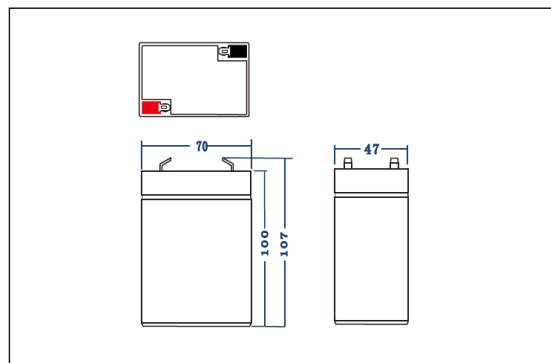


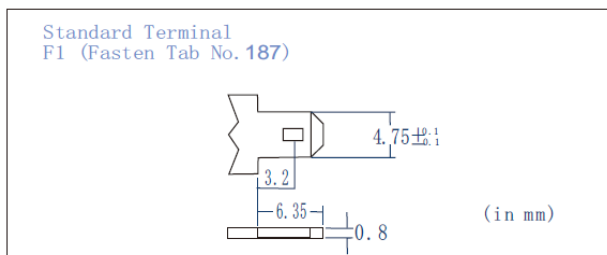
AGM11 6V/5.0Ah



Dimensions (mm)



Terminal Type



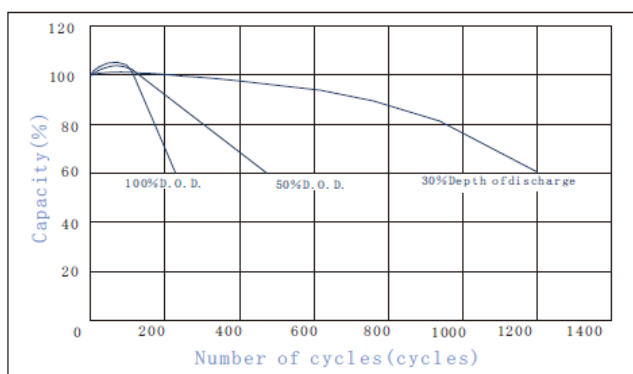
Electrical Specification

| | | |
|---|--------------------------------------|---|
| Capacity 25°C (77° F) | 20hour rate (0.25A) | 5.0Ah |
| | 27min rate (5.0A) | 3.0Ah |
| | 7min rate (15.0A) | 1.75Ah |
| Capacity Affected by Temperature (20hour rate) | 40°C (104° F) | 102% |
| | 25°C (77° F) | 100% |
| | 0°C (32° F) | 85% |
| | -15°C (5° F) | 65% |
| Internal Resistance | full charged battery 77° F (25°C) | 30mΩ |
| Self-Discharge at 25°C (77° F) | Capacity after 3month storage | 91% |
| | Capacity after 6month storage | 82% |
| | Capacity after 12 month storage | 64% |
| Charge (constant Voltage) | Cycle | Initial Charging Current less than 1.5A Voltage 7.20-7.50V |
| | Float | Voltage 6.75-6.90V |

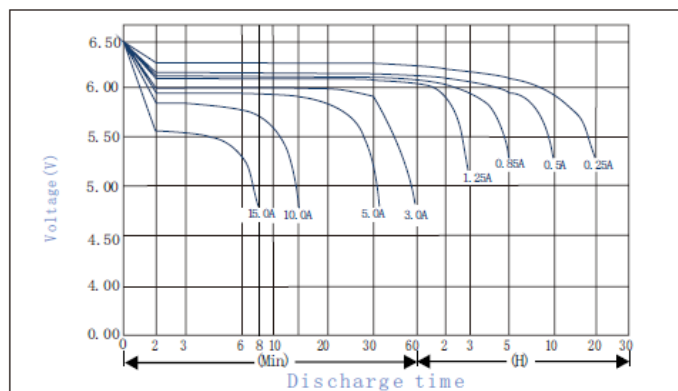
Physical specification

| | | |
|-------------------------|---------------------------|-------------------------|
| Nominal Voltage | 6V | |
| Nominal Capacity (20HR) | 5.0AH | |
| Dimensions | Length | 70 ± 1mm (2.76 inches) |
| | Width | 47 ± 1mm (1.85 inches) |
| | Container Height | 100 ± 2mm (3.94 inches) |
| | Total height | 107 ± 2mm (4.21 inches) |
| Weight | Approx 0.78kg (1.716 lbs) | |
| Standard Terminal | F1 | |

Cycle service life in relation to depth of discharge



Discharge Characteristics after fully charged (25°C, 77°F)



Constant Current (Amp) and Constant Power (watt) Discharge Table at 25°C, (77°F)

| time | | 5min | 10min | 15min | 30min | 1h | 2h | 3h | 4h | 5h | 8h | 10h | 20h |
|-------|---|-------|-------|-------|-------|------|------|------|------|------|------|------|-------|
| 4.80V | A | 20.00 | 13.50 | 9.50 | 5.75 | 3.00 | 1.75 | 1.29 | 1.03 | 0.88 | 0.58 | 0.48 | 0.255 |
| | W | 106.2 | 71.7 | 50.4 | 30.5 | 17.3 | 10.1 | 7.43 | 5.97 | 5.07 | 3.33 | 2.76 | 1.50 |
| 5.10V | A | 18.00 | 12.28 | 8.55 | 5.45 | 2.80 | 1.68 | 1.26 | 1.00 | 0.86 | 0.57 | 0.47 | 0.255 |
| | W | 99.9 | 68.1 | 47.4 | 30.3 | 16.2 | 9.7 | 7.27 | 5.80 | 4.97 | 3.29 | 2.70 | 1.48 |
| 5.25V | A | 17.00 | 11.70 | 8.00 | 5.29 | 2.72 | 1.65 | 1.24 | 0.96 | 0.85 | 0.57 | 0.47 | 0.250 |
| | W | 96.3 | 66.3 | 45.3 | 30.0 | 15.8 | 9.5 | 7.16 | 5.54 | 4.90 | 3.28 | 2.70 | 1.46 |
| 5.40V | A | 15.83 | 11.09 | 7.50 | 5.15 | 2.64 | 1.60 | 1.21 | 0.94 | 0.81 | 0.55 | 0.45 | 0.245 |
| | W | 92.0 | 64.4 | 43.6 | 29.9 | 15.3 | 9.3 | 7.03 | 5.43 | 4.73 | 3.20 | 2.61 | 1.43 |
| 5.55V | A | 15.00 | 10.50 | 7.00 | 5.00 | 2.55 | 1.57 | 1.15 | 0.91 | 0.78 | 0.54 | 0.44 | 0.233 |
| | W | 89.3 | 62.5 | 41.7 | 29.8 | 15.1 | 9.3 | 6.82 | 5.42 | 4.62 | 3.19 | 2.59 | 1.39 |