

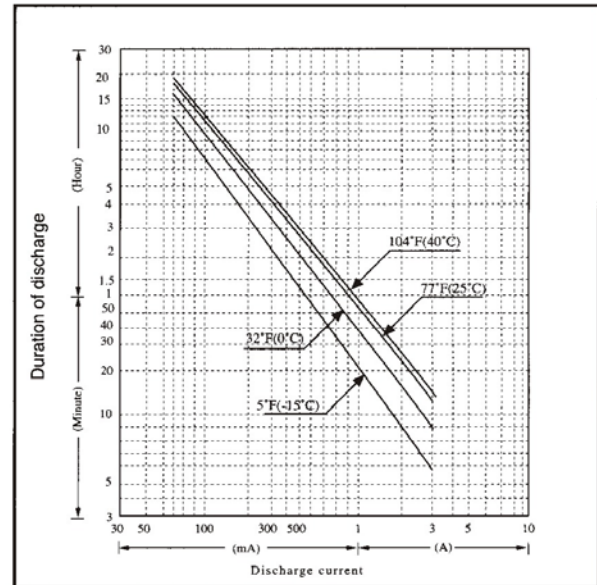
Specification

| | | |
|-------------------------------|-------------------------------|------------------------|
| Nominal Voltage | | 12V |
| Rated Capacity (20 hour rate) | | 1.2AH |
| Dimension | Total Height (with terminals) | 58mm (2.28in) |
| | Height | 52mm (2.05in) |
| | Length | 97mm (3.82in) |
| | Width | 43mm (1.69in) |
| Weight | | Approx 0.6kg (1.32lbs) |

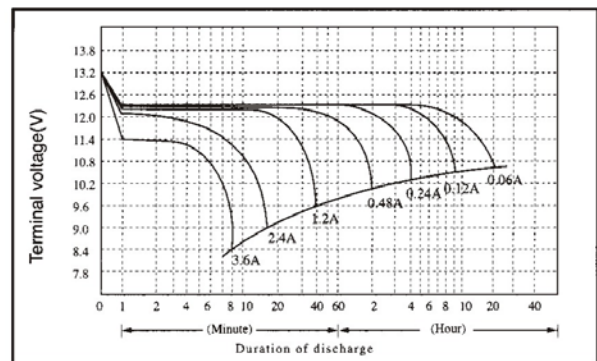
Characteristic

| | | |
|--|---------------------------------|--|
| Capacity 77°F(25°C) | 20 hour rate (60mA) | 1.20AH |
| | 10 hour rate (110mA) | 1.08AH |
| | 5 hour rate (190mA) | 0.96AH |
| | 1 hour rate (720mA) | 0.72AH |
| | 15 min rate (2.04A) | 0.51AH |
| Internal Resistance | Full charged Battery 77°F(25°C) | 120mΩ |
| Capacity affected by Temperature (20 hour rate) | 104°F(40 °C) | 102% |
| | 77°F(25 °C) | 100% |
| | 32°F(0 °C) | 85% |
| | 5°F(-15 °C) | 65% |
| Self-Discharge 77 °F (25 °C) | Capacity after 3 month storage | 90% |
| | Capacity after 6 month storage | 80% |
| | Capacity after 12 month storage | 60% |
| Max. Discharge Current 77 °F (25 °C) | 12A ° 5S ° | |
| Terminal | Standard | F1 |
| | Optional | |
| Charging (Constant Voltage) | Cycle | Initial Charging Current 360mA or small 14.4~15.0V/77 °F (25 °C) |
| | Float | 13.5~13.8V/77 °F (25 °C) |

Duration of discharge vs. Discharge current



Discharge characteristics 77 °F (25 °C)



Constant wattage discharge (Watts per cell @25 °C)

| Cut off voltage V/cell | 5M | 10M | 15M | 30M | 40M | 60M |
|------------------------|-----|-----|-----|-----|-----|-----|
| 1.75V | 8.6 | 5.8 | 4.4 | 2.7 | 2.2 | 1.6 |
| 1.70V | 8.8 | 6.0 | 4.5 | 2.8 | 2.2 | 1.6 |
| 1.67V | 8.9 | 6.0 | 4.6 | 2.8 | 2.2 | 1.6 |
| 1.60V | 9.1 | 6.2 | 4.7 | 2.9 | 2.3 | 1.7 |
| 1.50V | 9.4 | 6.3 | 4.8 | 2.9 | 2.4 | 1.7 |

NOTE: The above data are average values and can be obtained within 3 charge/discharge cycles.

These are not minimum values.