

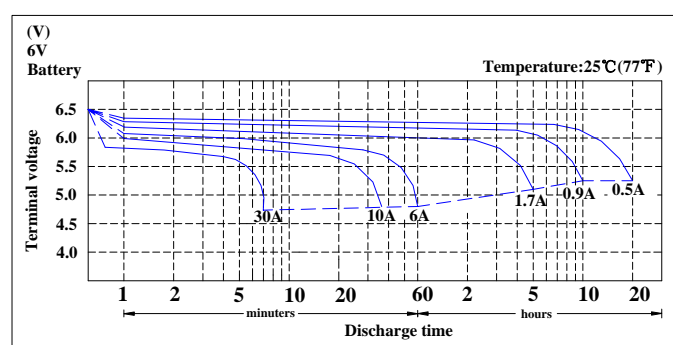
## Specifications

|                               |                                  |                         |
|-------------------------------|----------------------------------|-------------------------|
| Nominal Voltage               |                                  | 6V                      |
| Rated Capacity (20 hour rate) |                                  | 10AH                    |
| Dimension                     | Total Height<br>(with terminals) | 101mm(3.98inches)       |
|                               | Height                           | 95mm(3.74inches)        |
|                               | Length                           | 151mm(5.94inches)       |
|                               | Width                            | 50mm(1.97inches)        |
| Weight                        |                                  | Approx.1.58kg (3.48lbs) |

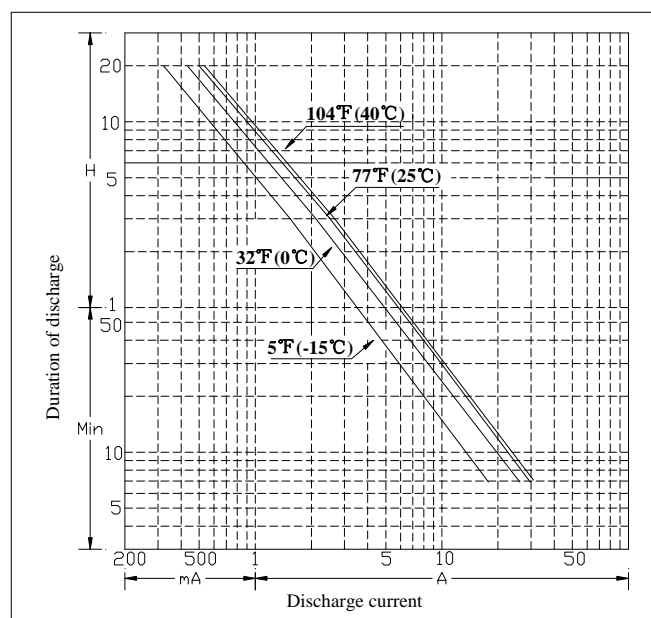
## Characteristics

|  |                                   |                         |
|--|-----------------------------------|-------------------------|
| Capacity<br>77°F (25°C)  | 20 hour rate (0.5A to 5.25Volts)  | 10AH                    |
|  | 10 hour rate (0.93A to 5.25Volts) | 9.3AH                   |
|  | 5 hour rate (1.7A to 5.1Volts)    | 8.5AH                   |
|  | 1 hour rate (6A to 4.8Volts)      | 6AH                     |
| Internal Resistance  | Full charged 77°F (25°C)          | 8mΩ                     |
| Standard Terminal  | F1                                |                         |
| Capacity affected<br>by Temperature<br>(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<br>77°F (25°C)  | Capacity after 3 month storage    | 91%                     |
|  | Capacity after 6 month storage    | 82%                     |
|  | Capacity after 12 month storage   | 64%                     |
| Max. Discharge<br>Current 77°F (25°C)  | 150A (5s)                         |                         |
| Maximum Charge<br>Current(A)   | 2A                                |                         |
| Charging<br>(Constant Voltage)   | Cycle                             | 14.5V~14.9V/77°F (25°C) |
|  | Float                             | 13.6V~13.8V/77°F (25°C) |
| Temperature<br>compensation<br>coefficient of charging<br>voltage (mV/°C/cell) | Cycle                             | -4mV/°C/cell            |
|  | Float                             | -3mV/°C/cell            |

## Discharge characteristics 77°F (25°C)



## Duration of discharge vs. Discharge current



## Constant Current Discharge Rating Amperes @ 77°F (25°C)

| Cut off voltage V/cell | 15M | 30M | 45M | 1H  | 2H  | 3H  | 5H  | 8H   | 10H  | 12H  | 20H  | 24H  |
|------------------------|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|
| 1.75V                  | 16  | 10  | 7.2 | 5.8 | 3.3 | 2.5 | 1.7 | 1.14 | 0.93 | 0.79 | 0.50 | 0.42 |

**Note** The above data are average values, and can be obtained with 3 charge/discharge cycles. These are not minimum values.

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