

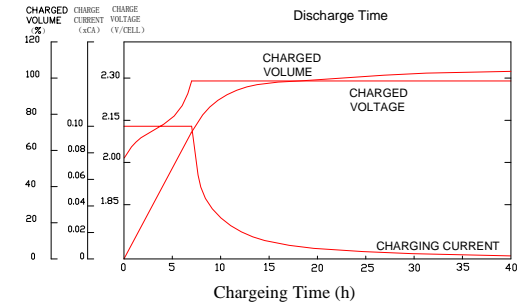
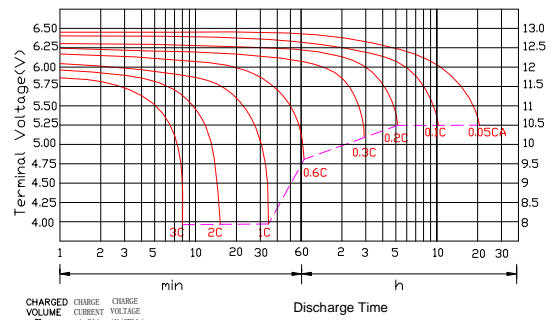
● Specifications

|                           |                     |                           |
|---------------------------|---------------------|---------------------------|
| <b>Nominal Voltage</b>    |                     | <b>12V</b>                |
| <b>Rated Capacity</b>     |                     | <b>0.8Ah</b>              |
| <b>Dimensions</b>         | <b>Total Height</b> | <b>2.44 inches (62mm)</b> |
|                           | <b>Height</b>       | <b>2.44 inches (62mm)</b> |
|                           | <b>Length</b>       | <b>3.78 inches (96mm)</b> |
|                           | <b>Width</b>        | <b>0.98 inches (25mm)</b> |
| <b>Approximate Weight</b> |                     | <b>0.79 lbs. (0.36kg)</b> |

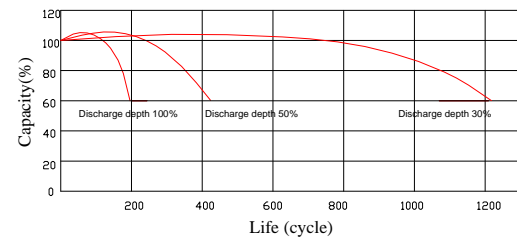
● Characteristic

|  |  |   |
|--|--|---|
| <b>Capacity<br/>77°F(25°C)</b>                                 | <b>20h rate</b>                            | <b>0.8Ah</b>  |
|  | <b>10h rate</b>                            | <b>0.72Ah</b>                                       |
|  | <b>5h rate</b>                             | <b>0.68Ah</b>                                       |
|  | <b>1h rate</b>                             | <b>0.48Ah</b>                                       |
|  | <b>15 min rate</b>                         | <b>0.33Ah</b>                                       |
| <b>Internal Resistance</b>                                     | <b>Full Charged Battery<br/>77°F(25°C)</b> | <b>260m Ω</b>                                       |
| <b>Capacity<br/>Affected by<br/>Temperature<br/>(20h rate)</b> | <b>104°F(40°C)</b>                         | <b>102%</b>   |
|  | <b>77°F(25°C)</b>                          | <b>100%</b>   |
|  | <b>32°F(0°C)</b>                           | <b>85%</b>  |
|  | <b>5°F(-15°C)</b>                          | <b>65%</b>  |
| <b>Self-Discharge<br/>68°F(20°C)<br/>(Capacity after)</b>      | <b>3 month storage</b>                     | <b>90%</b>  |
|  | <b>6 month storage</b>                     | <b>80%</b>  |
|  | <b>12 month storage</b>                    | <b>60%</b>  |
| <b>Max. Discharge<br/>Current 77°F(25°C)</b>                   | <b>12A(5s)</b>                             |   |
| <b>Terminal</b>  | <b>Special</b>                             |   |
| <b>Charge<br/>(Constant Voltage,25°C)</b>                      | <b>Cycle</b>                               | <b>14.5~14.9V(-24mV/°C)<br/>max. current:0.24 A</b> |
|  | <b>Float</b>                               | <b>13.6~13.8V(-18mV/°C)</b>                         |

DISCHARGE CHARACTERISTICS AT 25° C(77° F)



Cycle service life



Constant Current Diacharge Characteristics (A,25°C)

| F.V/TIME | 5min | 10min | 15min | 30min | 60min | 3h   | 5h   | 10h  | 20h  |
|----------|------|-------|-------|-------|-------|------|------|------|------|
| 9.60V    | 2.60 | 1.60  | 1.26  | 0.73  | 0.46  | 0.18 | 0.12 | 0.07 | 0.04 |
| 10.2V    | 2.47 | 1.52  | 1.21  | 0.70  | 0.44  | 0.18 | 0.12 | 0.07 | 0.04 |
| 10.5V    | 2.32 | 1.43  | 1.15  | 0.67  | 0.42  | 0.18 | 0.12 | 0.07 | 0.04 |

Constant Wattage Diacharge Characteristics (Watt,25°C)

| F.V/TIME | 5min | 10min | 15min | 30min | 60min | 3h   | 5h   | 10h  | 20h  |
|----------|------|-------|-------|-------|-------|------|------|------|------|
| 9.60V    | 29.0 | 18.0  | 14.4  | 8.37  | 5.33  | 2.17 | 1.45 | 0.85 | 0.49 |
| 10.2V    | 27.6 | 17.1  | 13.8  | 8.03  | 5.11  | 2.14 | 1.43 | 0.85 | 0.48 |
| 10.5V    | 25.9 | 16.1  | 13.14 | 7.63  | 4.86  | 2.10 | 1.40 | 0.85 | 0.48 |