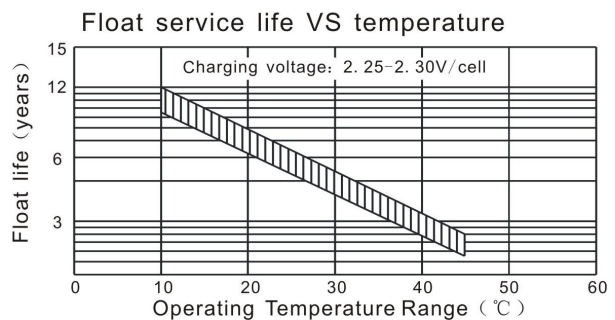
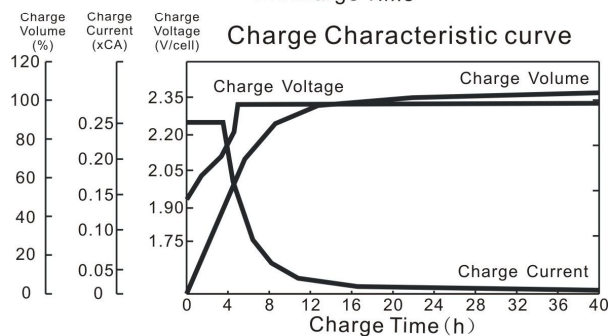
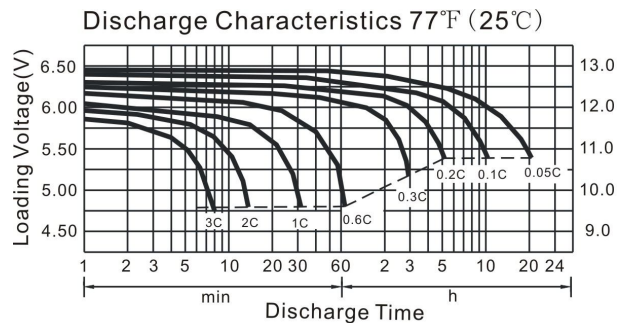


● **Specifications**

| | | |
|---|---------------------|---------------------|
| Nominal Voltage | | 12V |
| Rated Capacity 77°F(25°C) (10HR) | | 40.0Ah |
| Dimensions (mm/inch) | Length | 197 (7.76) |
| | Width | 165 (6.50) |
| | Height | 170 (6.69) |
| | Total Height | 170 (6.69) |
| Approx. Weight (kg/lbs) | | 12.6 (27.78) |
| Terminal | | T4/T11 |

● **Characteristic**

| | | |
|---|--|--|
| Capacity 77°F(25°C) | 20HR (2.12A) | 42.4Ah |
| | 10HR (4.00A) | 40.0Ah |
| | 5HR (6.80A) | 34.0Ah |
| | 1HR (22.0A) | 22.0Ah |
| | 15 min rate (70.0A) | 17.5Ah |
| Internal Resistance | Full Charged Battery 77°F(25°C) | Approx. 9.5mΩ |
| Temperature dependence of capacity (10HR) | 104°F(40°C) | 102% |
| | 77°F(25°C) | 100% |
| | 32°F(0°C) | 85% |
| | 5°F(-15°C) | 65% |
| Self-Discharge 68°F(20°C) (Capacity after) | 3 months | 90% |
| | 6 months | 80% |
| | 12 months | 60% |
| Max. Discharge Current, 77°F(25°C) | | 320A(5s) |
| Floating design life, 77°F(25°C) | | 10 years |
| Constant Voltage Charge, 77°F(25°C) | Cycle | 14.4~14.7V(-24mV/°C) max. current: 10 A |
| | Float | 13.6~13.8V(-18mV/°C) |



Constant Current Discharge Characteristics (A), 77°F(25°C)

| F.V/TIME | 5min | 10min | 15min | 30min | 60min | 2H | 3H | 5H | 8H | 10H | 20H |
|------------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|
| 1.60V/cell | 136.0 | 88.0 | 70.0 | 40.0 | 23.2 | 14.41 | 10.62 | 7.18 | 4.80 | 4.17 | 2.18 |
| 1.70V/cell | 129.2 | 83.6 | 66.9 | 38.3 | 22.4 | 13.86 | 10.38 | 7.20 | 4.75 | 4.12 | 2.16 |
| 1.75V/cell | 123.2 | 78.4 | 65.7 | 37.5 | 22.0 | 13.60 | 10.18 | 6.92 | 4.65 | 4.06 | 2.14 |
| 1.80V/cell | 115.6 | 72.4 | 64.5 | 36.7 | 21.6 | 13.36 | 10.00 | 6.80 | 4.60 | 4.00 | 2.12 |

Constant Wattage Discharge Characteristics (Watt), 77°F(25°C)

| F.V/TIME | 5min | 10min | 15min | 30min | 60min | 2H | 3H | 5H | 8H | 10H | 20H |
|------------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|
| 1.60V/cell | 241.4 | 159.8 | 128.3 | 73.6 | 43.0 | 26.90 | 20.01 | 13.65 | 9.22 | 8.14 | 4.27 |
| 1.70V/cell | 231.5 | 153.3 | 123.7 | 71.1 | 41.8 | 26.11 | 19.73 | 13.51 | 9.19 | 8.11 | 4.26 |
| 1.75V/cell | 222.8 | 145.1 | 122.5 | 70.3 | 41.5 | 25.84 | 19.51 | 13.38 | 9.11 | 8.05 | 4.25 |
| 1.80V/cell | 211.0 | 135.2 | 121.5 | 69.5 | 41.1 | 25.62 | 19.33 | 13.26 | 9.05 | 8.00 | 4.24 |