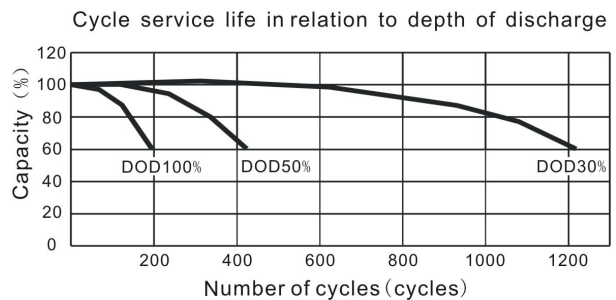
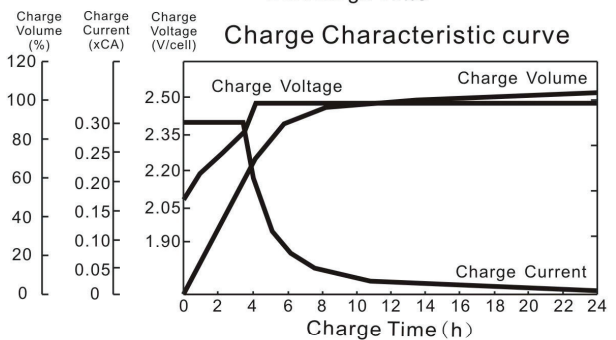
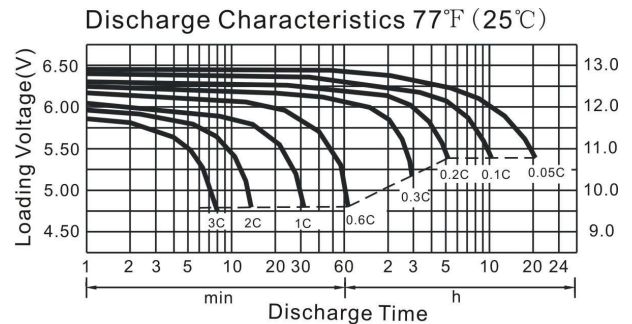


● **Specifications**

| | | |
|---|---------------------|--------------------|
| Nominal Voltage | | 12V |
| Rated Capacity 77°F(25°C) (20HR) | | 6.5Ah |
| Dimensions (mm/inch) | Length | 151 (5.95) |
| | Width | 65 (2.56) |
| | Height | 95 (3.74) |
| | Total Height | 101 (3.98) |
| Approx. Weight (kg/lbs) | | 1.95 (4.30) |
| Terminal | | T1/T2 |

● **Characteristic**

| | | |
|---|--|---|
| Capacity 77°F(25°C) | 20HR (0.325A) | 6.50Ah |
| | 10HR (0.605A) | 6.05Ah |
| | 5HR (1.105A) | 5.53Ah |
| | 1HR (3.965A) | 3.97Ah |
| | 15 min rate (12.03A) | 3.01Ah |
| Internal Resistance | Full Charged Battery 77°F(25°C) | Approx. 35m Ω |
| Temperature dependence of capacity (20HR) | 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) | | 98A(5s) |
| Floating design life, 77°F(25°C) | | 5 years |
| Constant Voltage Charge, 77°F(25°C) | Cycle | 14.5~14.9V(-24mV/°C) max. current: 1.95A |
| | 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 | 24.70 | 15.60 | 12.03 | 6.50 | 4.11 | 2.32 | 1.70 | 1.144 | 0.761 | 0.624 | 0.335 |
| 1.70V/cell | 23.47 | 14.82 | 11.49 | 6.21 | 3.97 | 2.23 | 1.66 | 1.125 | 0.754 | 0.618 | 0.332 |
| 1.75V/cell | 23.01 | 14.50 | 11.28 | 6.08 | 3.89 | 2.19 | 1.63 | 1.105 | 0.741 | 0.605 | 0.328 |
| 1.80V/cell | 22.56 | 14.17 | 11.08 | 5.97 | 3.83 | 2.15 | 1.60 | 1.086 | 0.734 | 0.598 | 0.325 |

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 | 44.85 | 28.60 | 22.25 | 12.14 | 7.75 | 4.41 | 3.25 | 2.210 | 1.489 | 1.229 | 0.663 |
| 1.70V/cell | 43.03 | 27.43 | 21.44 | 11.70 | 7.53 | 4.27 | 3.14 | 2.191 | 1.482 | 1.222 | 0.656 |
| 1.75V/cell | 42.58 | 27.04 | 21.24 | 11.56 | 7.46 | 4.24 | 3.17 | 2.171 | 1.469 | 1.209 | 0.653 |
| 1.80V/cell | 42.12 | 26.72 | 21.05 | 11.44 | 7.40 | 4.19 | 3.15 | 2.152 | 1.456 | 1.196 | 0.650 |