

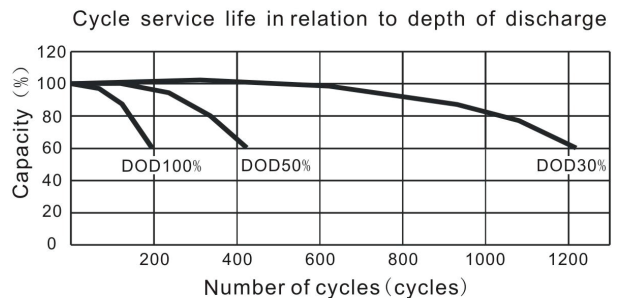
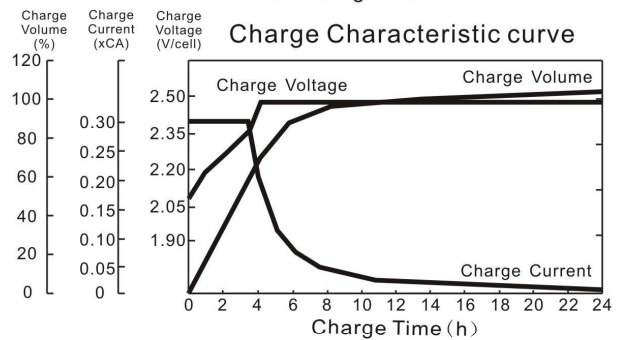
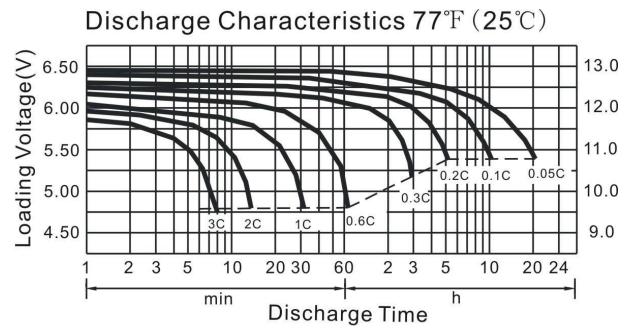
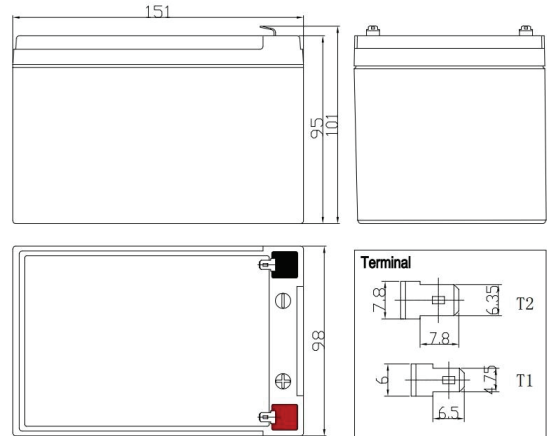


● **Specifications**

| | | |
|---|---------------------|--------------------|
| Nominal Voltage | | 12V |
| Rated Capacity 77°F(25°C) (20HR) | | 12.0Ah |
| Dimensions (mm/inch) | Length | 151 (5.95) |
| | Width | 98 (3.86) |
| | Height | 95 (3.74) |
| | Total Height | 101 (3.98) |
| Approx. Weight (kg/lbs) | | 3.27 (7.21) |
| Terminal | | T1/T2 |

● **Characteristic**

| | | |
|---|--|---|
| Capacity 77°F(25°C) | 20HR (0.60A) | 12.0Ah |
| | 10HR (1.12A) | 11.2Ah |
| | 5HR (2.04A) | 10.2Ah |
| | 1HR (7.32A) | 7.32Ah |
| | 15 min rate (22.2A) | 5.6Ah |
| Internal Resistance | Full Charged Battery 77°F(25°C) | Approx. 18mΩ |
| Temperature dependence of capacity (20HR) | 104°F(40°C) | 102% |
| | 77°F(25°C) | 100% |
| | 32°F(0°C) | 85% |
| Self-Discharge 68°F(20°C) (Capacity after) | 3 months | 90% |
| | 6 months | 80% |
| | 12 months | 60% |
| Max. Discharge Current, 77°F(25°C) | | 180A(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: 3.6 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 | 45.6 | 28.8 | 22.20 | 12.00 | 7.60 | 4.28 | 3.13 | 2.12 | 1.41 | 1.15 | 0.62 |
| 1.70V/cell | 43.3 | 27.4 | 21.20 | 11.47 | 7.32 | 4.12 | 3.06 | 2.08 | 1.40 | 1.14 | 0.61 |
| 1.75V/cell | 42.5 | 26.8 | 20.82 | 11.23 | 7.19 | 4.04 | 3.00 | 2.04 | 1.37 | 1.12 | 0.60 |
| 1.80V/cell | 41.6 | 26.2 | 20.45 | 11.02 | 7.06 | 3.97 | 2.95 | 2.01 | 1.35 | 1.10 | 0.60 |

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 | 82.8 | 52.8 | 41.08 | 22.40 | 14.30 | 8.14 | 6.00 | 4.08 | 2.75 | 2.27 | 1.22 |
| 1.70V/cell | 79.4 | 50.6 | 39.58 | 21.60 | 13.91 | 7.88 | 5.92 | 4.04 | 2.74 | 2.26 | 1.21 |
| 1.75V/cell | 78.6 | 49.9 | 39.22 | 21.34 | 13.78 | 7.82 | 5.86 | 4.01 | 2.71 | 2.23 | 1.20 |
| 1.80V/cell | 77.8 | 49.3 | 38.86 | 21.12 | 13.67 | 7.74 | 5.81 | 3.97 | 2.69 | 2.21 | 1.20 |