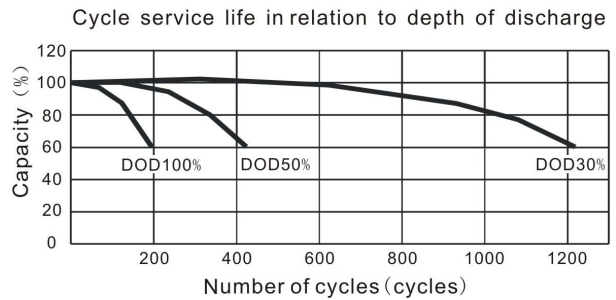
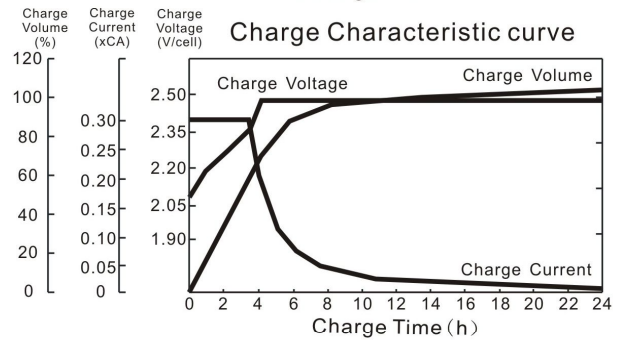
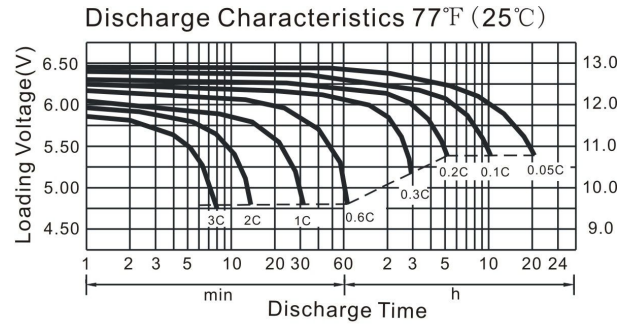


Specifications

| | | |
|---|---------------------|--------------------|
| Nominal Voltage | | 12V |
| Rated Capacity 77°F(25°C) (20HR) | | 9.0Ah |
| Dimensions (mm/inch) | Length | 151 (5.95) |
| | Width | 65 (2.56) |
| | Height | 95 (3.74) |
| | Total Height | 101 (3.98) |
| Approx. Weight (kg/lbs) | | 2.44 (5.39) |
| Terminal | | T1/T2 |

Characteristic

| | | |
|---|--|---|
| Capacity 77°F(25°C) | 20HR (0.450A) | 9.00Ah |
| | 10HR (0.837A) | 8.37Ah |
| | 5HR (1.530A) | 7.65Ah |
| | 1HR (5.490A) | 5.49Ah |
| | 15 min rate (16.65A) | 4.16Ah |
| 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% |
| | 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) | | 135A(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: 2.7 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 | 33.91 | 21.41 | 16.51 | 8.92 | 5.64 | 3.16 | 2.33 | 1.570 | 1.045 | 0.856 | 0.457 |
| 1.70V/cell | 32.23 | 20.35 | 15.77 | 8.54 | 5.45 | 3.06 | 2.27 | 1.544 | 1.035 | 0.848 | 0.455 |
| 1.75V/cell | 31.60 | 19.91 | 15.48 | 8.36 | 5.34 | 3.00 | 2.23 | 1.517 | 1.017 | 0.831 | 0.453 |
| 1.80V/cell | 30.97 | 19.45 | 15.20 | 8.19 | 5.26 | 2.95 | 2.19 | 1.491 | 1.009 | 0.821 | 0.450 |

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 | 61.55 | 38.52 | 30.55 | 16.66 | 10.62 | 5.92 | 4.46 | 3.034 | 2.044 | 1.687 | 0.910 |
| 1.70V/cell | 59.11 | 37.66 | 29.43 | 16.06 | 10.34 | 5.86 | 4.40 | 3.008 | 2.035 | 1.678 | 0.905 |
| 1.75V/cell | 58.48 | 37.13 | 29.17 | 15.86 | 10.25 | 5.82 | 4.36 | 2.981 | 2.017 | 1.660 | 0.901 |
| 1.80V/cell | 57.85 | 36.68 | 28.89 | 15.70 | 10.16 | 5.75 | 4.31 | 2.954 | 1.999 | 1.642 | 0.900 |

