

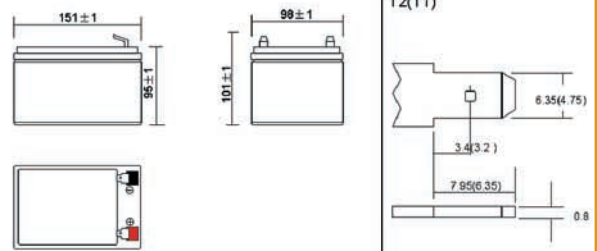


CT 12-12

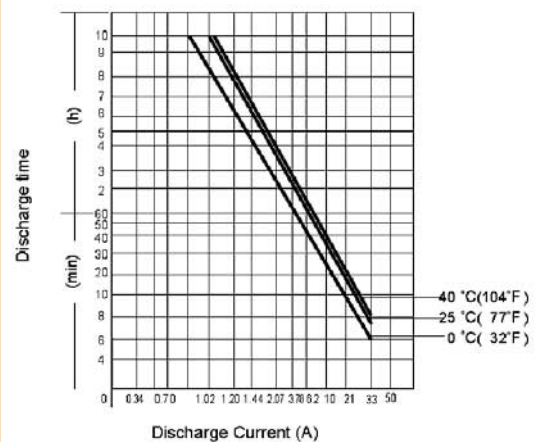


Dimensions (mm)

Standard Terminal (mm)



Discharging Current & Discharge Duration Time



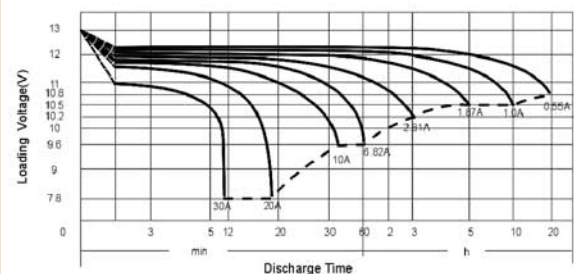
Physical Specification

| | | |
|-------------------------|------------------------------|-------------------------|
| Nominal Voltage | | 12V |
| Nominal Capacity (20HR) | | 12 AH |
| Dimension | Length | 151 ± 1mm (5.95 inches) |
| | Width | 98 ± 1mm (3.86 inches) |
| | Container Height | 95 ± 1mm (3.74 inches) |
| | Total Height (with Terminal) | 101 ± 1mm (3.98 inches) |
| Weight | | Approx 3.85kg (8.49lbs) |
| Standard Terminal | | T2 or T1 (standard) |

Electrical Specification

| | | | | | |
|----------------------------------|--------------------------|--------|------------------|---------|--|
| Rated Capacity | 20 hour rate (0.55 A) | 12AH | Constant Voltage | Cycle | Initial Charging Current less than 3.0A. Voltage 14.4V~15.0V at 25°C (77°F) Temp. Coefficient -30mV/°C |
| | 10 hour rate (1.0 A) | 10AH | | | |
| | 5 hour rate (1.87 A) | 9.35AH | | | |
| | 1 hour rate (6.82 A) | 6.82AH | | | |
| | 15 minute rate (21.56 A) | 4.3AH | | | |
| Capacity affected by Temperature | 40°C (104°F) | 103% | Charge | Standby | No limit on Initial Charging Current Voltage 13.5V~13.8V at 25°C (77°F) Temp. Coefficient -20mV/°C |
| | 25°C (77°F) | 100% | | | |
| | 0°C (32°F) | 86% | | | |

Discharge Characteristics (25°, 77°F)



Constant Current (Amp) and Constant Power (Watt) Discharge Table (25°, 77°F)

| Time(minute) Final voltage/Cell | 5 | 10 | 15 | 20 | 30 | 45 | 60 | 120 | 180 | 300 | 600 | 1200 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|
| Amp/Watt/Cell | 1.3 | 1.3 | 1.3 | 1.3 | 1.6 | 1.6 | 1.67 | 1.7 | 1.75 | 1.75 | 1.75 | 1.8 |
| A | 44.00 | 31.35 | 21.56 | 17.60 | 12.65 | 8.80 | 6.82 | 3.85 | 2.81 | 1.87 | 1.00 | 0.55 |
| W | 78.76 | 58.96 | 41.03 | 34.43 | 24.86 | 17.49 | 13.53 | 7.66 | 5.58 | 3.74 | 2.00 | 1.11 |