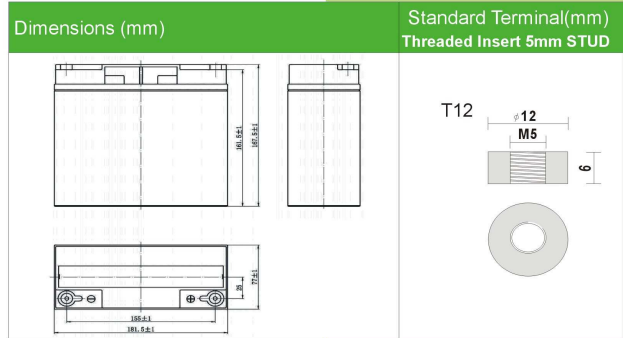
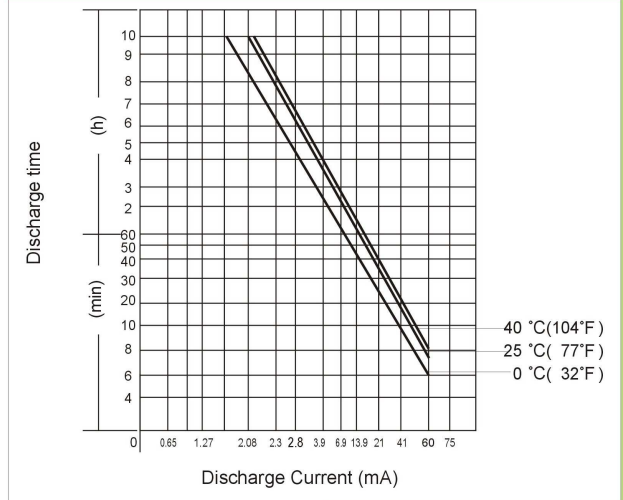




BP12-22 (12V22AH)



Discharging Current & Discharge Duration Time



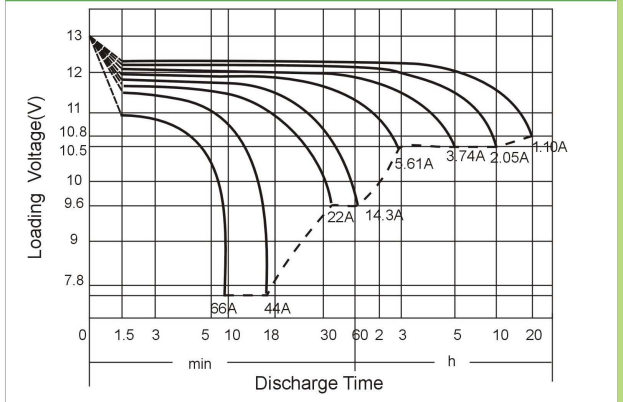
PHYSICAL SPECIFICATION

| | | |
|-------------------------|---------------------------|-------------------------|
| Nominal Voltage | | 12V |
| Nominal Capacity (20HR) | | 22AH |
| Dimension | Length | 181.5±1mm (7.14 inches) |
| | Width | 77±1mm (3.03 inches) |
| | Container Height | 167.5±1mm (6.59 inches) |
| | Total Height (with Cover) | 167.5±1mm (6.59inches) |
| Weight | | Approx 5.58kg (12.3lbs) |
| Standard Terminal | | T12 |

Electrical Specification

| | | | | | |
|----------------------------------|------------------------|--------|------------------|---------|---|
| Rated Capacity | 20 hour rate (1.10A) | 22.0AH | Constant-Voltage | Cycle | Initial Charging Current less than 6.6A. Voltage 14.4V~ 15.0V at 25°C (77°F) Temp. Coefficient -30mV/°C |
| | 10 hour rate (2.05A) | 20.5AH | | | |
| | 5 hour rate (3.74A) | 18.7AH | | | |
| | 1 hour rate (14.32A) | 14.3AH | | | |
| | 15 minute rate (43.1A) | 10.8AH | | | |
| 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°C, 77°F)



Constant Current (Amp) and Constant Power (Watt) Discharge Table (25°C, 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 | 1.6 | 1.7 | 1.75 | 1.75 | 1.75 | 1.8 |
| A | 88.0 | 58.3 | 43.1 | 35.2 | 25.3 | 17.6 | 14.32 | 7.70 | 5.61 | 3.74 | 2.05 | 1.10 |
| W | 148.9 | 101.1 | 77.0 | 64.3 | 47.0 | 33.3 | 27.41 | 15.04 | 11.03 | 7.40 | 4.11 | 2.21 |