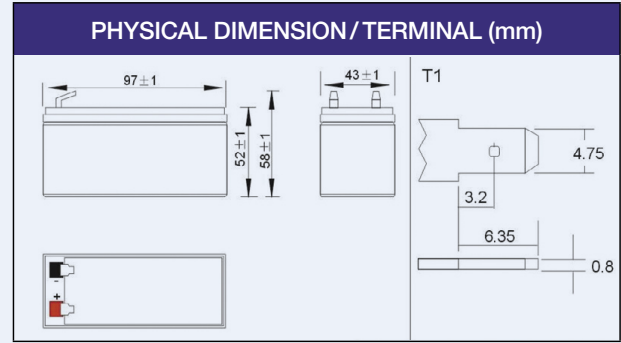
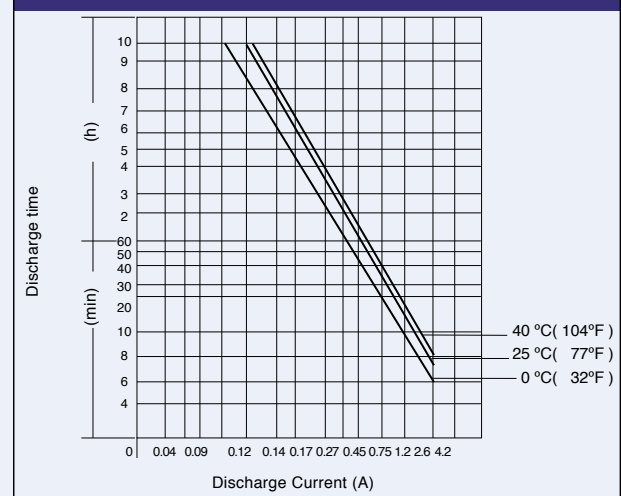


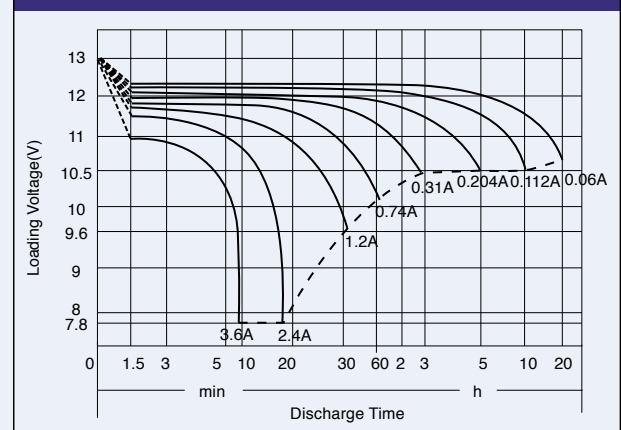
PS1212 Specifications



DISCHARGING CURRENT & DISCHARGE DURATION TIME



DISCHARGE CHARACTERISTICS (25°C, 77°F)



PHYSICAL SPECIFICATION

| | | |
|-------------------------|------------------------------|-------------------------|
| Nominal Voltage | | 12V |
| Nominal Capacity (20HR) | | 1.2AH |
| Dimension | Length | 97 ± 1mm (3.82 inches) |
| | Width | 43 ± 1mm (1.69 inches) |
| | Container Height | 52 ± 1mm (2.04 inches) |
| | Total Height (with Terminal) | 58 ± 1mm (2.28 inches) |
| Weight | | Approx 0.57kg (1.26lbs) |
| Terminal Type | | T1 (standard) |

ELECTRICAL SPECIFICATION

| | | | | | |
|----------------------------------|----------------------|--------|-------------------------|--|--|
| Rated Capacity | 20 hour rate (60mA) | 1.20AH | Constant-Voltage Charge | Cycle | Initial Charging Current less than 0.36A. Voltage 14.4V- 15.0V at 25°C (77°F) Temp. Coefficient -30mV/°C |
| | 10 hour rate (112mA) | 1.12AH | | | |
| | 5 hour rate (204mA) | 1.02AH | | | |
| | 1 hour rate (704mA) | 0.74AH | | | |
| Capacity affected by Temperature | 40°C (104°F) | 103% | 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% | | | |

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 | 1.67 | 1.7 | 1.75 | 1.75 | 1.75 | 1.8 |
| A | 4.70 | 3.02 | 2.19 | 1.69 | 1.35 | 0.96 | 0.74 | 0.42 | 0.31 | 0.204 | 0.112 | 0.06 |
| W | 7.80 | 5.13 | 3.83 | 3.01 | 2.44 | 1.78 | 1.42 | 0.80 | 0.59 | 0.40 | 0.22 | 0.12 |

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