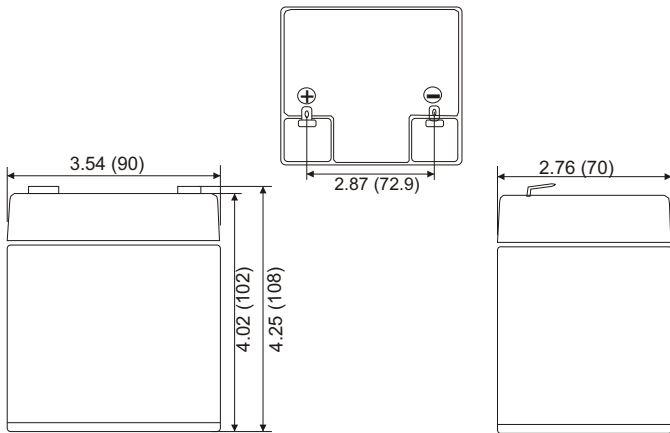


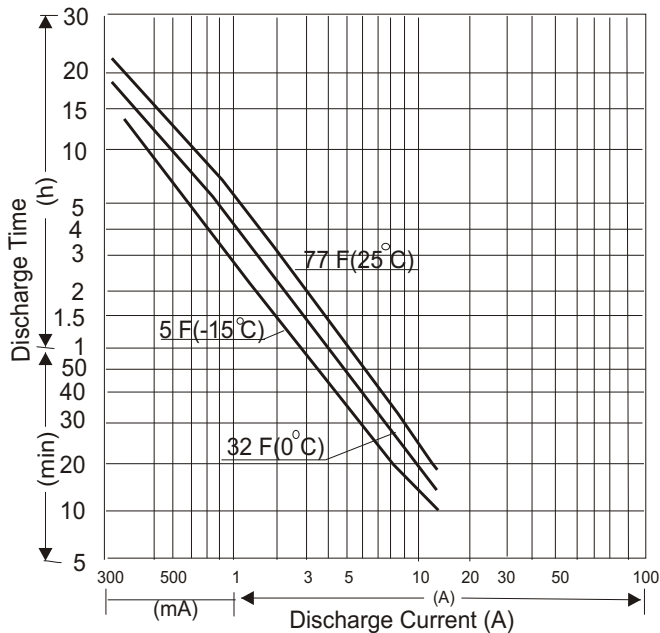
NP5-12



Unit : inch (mm) ± 0.05 (1.2)



Discharging Current & Discharging Duration Time



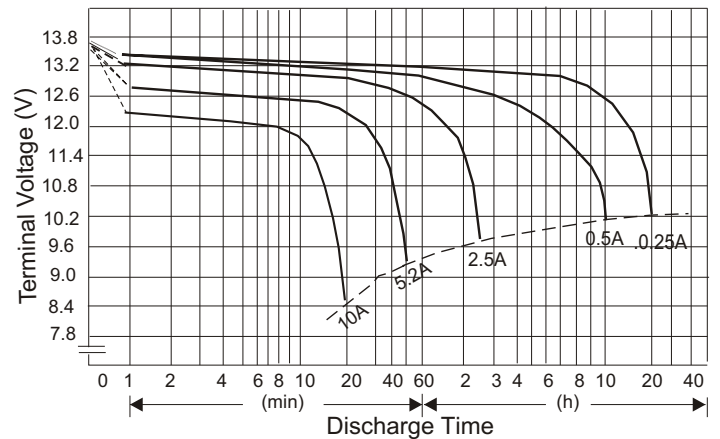
Specifications

| | | |
|--------------------------------|--------------|------------------------------|
| Nominal Voltage | | 12V |
| Rated Capacity 20 hour rate | | 5Ah |
| Dimensions | Total height | 4.25 inches (108mm) |
| | Height | 4.02 inches (102mm) |
| | Length | 3.54 inches (90mm) |
| | Width | 2.76 inches (70mm) |
| Weight | | Approx. 4.35 lbs (1.97Kg) |

Characteristics

| | | |
|---|-----------------------------------|--|
| Capacity 77°F (25°C) | 20 hour rate (250mA) | 5.0Ah |
| | 10 hour rate (450mA) | 4.5Ah |
| Internal Resistance | 5 hour rate (840mA) | 4.2Ah |
| | 1 hour rate (3.0A) | 3.0Ah |
| | 1.5 hour discharged to 10.5V | 2.1Ah |
| Capacity affected by Temperature (20 hour rate) | Fully Charged Battery 77°F (25°C) | 36mΩ |
| | 104°F (40°C) | 102% |
| | 77°F (25°C) | 100% |
| | 32°F (0°C) | 83% |
| Self-discharge 77°F (25°C) | 5°F (-15°C) | 64% |
| | Capacity after 3 month storage | 90% |
| | Capacity after 6 month storage | 82% |
| Charge (Constant Voltage) | Capacity after 12 month storage | 63% |
| | Cycle | Initial Charge Current Less than 1.5A Voltage 14.5V~14.9V 77°F (25°C) |
| | Stand By | Voltage 13.6V~13.8V 77°F (25°C) |

Discharge Curves 77°F (25°C)



The above data are average values, and can be obtained within 3 charge/ discharge cycles. These are not minimum values.