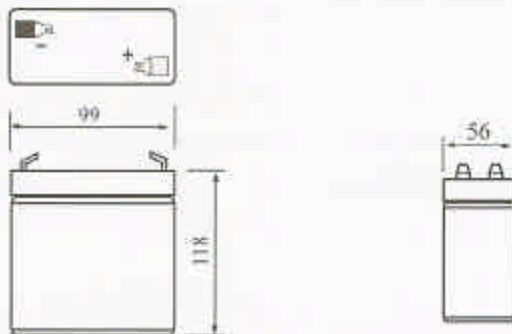


PHYSICAL SPECIFICATION

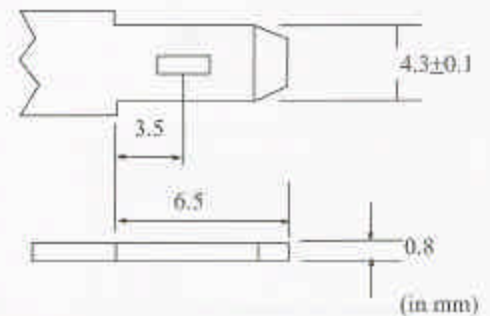
| | | |
|------------------------|------------------|--------------------------|
| Nominal Voltage | | 6V |
| Nominal Capacity(20HR) | | 8.5AH |
| Dimension | Length | 99±1mm (3.90 inches) |
| | Width | 56±1mm (2.20 inches) |
| | Container Height | 118±1mm (4.65 inches) |
| | Total Height | 118±2mm (4.65 inches) |
| Weight | | Approx. 1.6Kg (3.53 lbs) |
| Standard Terminal | | F1-Fasten Tab No.187E |



Dimensions (mm)



F1 (Fasten Tab No.187E)
Standard Terminal

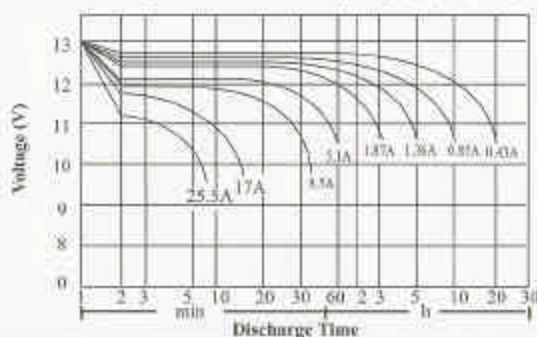


(in mm)

ELECTRICAL SPECIFICATION

| | | | | | | | | |
|----------------------------------|---------------------------------------|---|--|-------------------------|---|---|---------|---|
| Capacity | 20 hour rate(0.43A) | 8.5Ah | <p>It is recommended to use constant-voltage charge and recharge immediately after use</p> <table border="1"> <tr> <td rowspan="2">Constant-Voltage Charge</td> <td>Cycle</td> <td>Initial Charging Current less than 2.55A Voltage 7.20-7.50V at 20°C (68°F) Temperature Coefficient -15mV/°C</td> </tr> <tr> <td>Standby</td> <td>Voltage 6.75-6.90V at 20°C (68°F) Temperature Coefficient -10mV/°C</td> </tr> </table> | Constant-Voltage Charge | Cycle | Initial Charging Current less than 2.55A Voltage 7.20-7.50V at 20°C (68°F) Temperature Coefficient -15mV/°C | Standby | Voltage 6.75-6.90V at 20°C (68°F) Temperature Coefficient -10mV/°C |
| | Constant-Voltage Charge | Cycle | | | Initial Charging Current less than 2.55A Voltage 7.20-7.50V at 20°C (68°F) Temperature Coefficient -15mV/°C | | | |
| Standby | | Voltage 6.75-6.90V at 20°C (68°F) Temperature Coefficient -10mV/°C | | | | | | |
| | 10 hour rate(0.85A) | 8.1Ah | | | | | | |
| | 5 hour rate(1.36A) | 7.23Ah | | | | | | |
| | 1 hour rate(5.1A) | 5.1Ah | | | | | | |
| Capacity affected by temperature | 40°C (104°F) | 105% | | | | | | |
| | 20°C (68°F) | 100% | | | | | | |
| | 0°C (32°F) | 85% | | | | | | |
| Internal Resistance | Fully charged battery(20°C, 68°F)25mΩ | | | | | | | |

Discharge Characteristics fully charged (20°C, 68°F)



Discharge Characteristics (0°C/32°F, 40°C/104°F)

