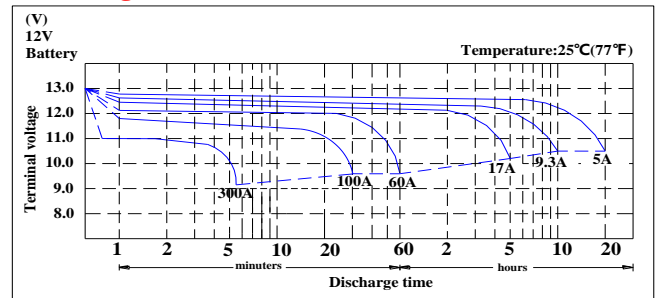


Specifications

| | | |
|------------------------------|-------------------------------|--------------------|
| Nominal Voltage | | 12V |
| Rated Capacity(20 hour rate) | | 100Ah |
| Dimension | Total Height (with terminals) | 215mm(8.46inches) |
| | Height | 211mm(8.31 inches) |
| | Length | 307mm(12.08inches) |
| | Width | 169mm(6.65inches) |
| Weight | Approx.30.6kg (67.32lbs) | |

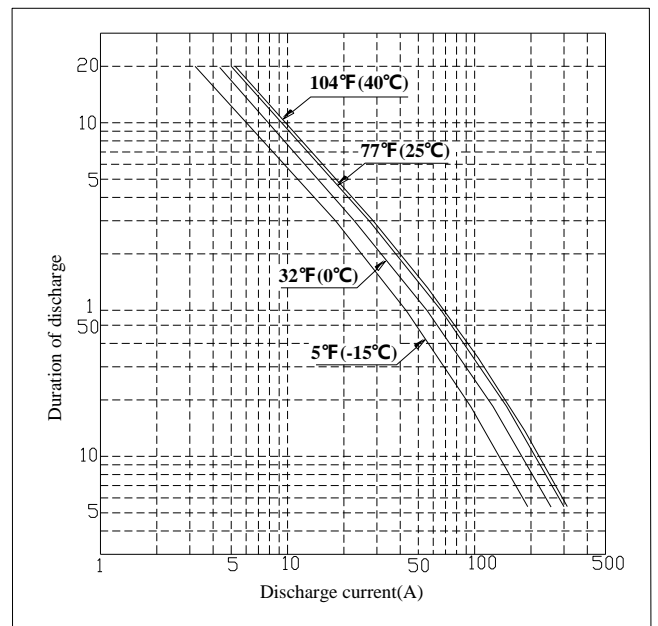
Discharge characteristics 77°F (25°C)



Characteristics

| | | |
|---|----------------------------------|--|
| Capacity 77°F(25°C) | 10 hour rate (9.3A to 10.5Volts) | 93AH |
| | 5 hour rate (17A to 10.2Volts) | 85AH |
| | 1 hour rate (60A to 9.6Volts) | 60AH |
| Internal Resistance | Full charged 77°F(25°C) | 3.3mΩ |
| Standard Terminal | M6 | |
| Capacity affected by Temperature (20 hour rate) | 104°F(40°C) | 102% |
| | 77°F(25°C) | 100% |
| | 32°F(0°C) | 85% |
| | 5°F(-15°C) | 65% |
| Self-Discharge 77°F(25°C) | Capacity after 3 month storage | 91% |
| | Capacity after 6 month storage | 82% |
| | Capacity after 12 month storage | 64% |
| Max. Discharge Current 77°F(25°C) | 2000A (5s) | |
| Cranking Performance | CCA (0°F) | 650A |
| | CA (32°F) | 780A |
| Charging (Constant Voltage) | Cycle | Initial Charging Current ≤ 0.2 × C20 14.4V~14.9V/77°F(25°C) |
| | Float | 13.5V~13.8V/77°F(25°C) |
| Temperature compensation coefficient | Cycle | -4mV/°C/cell |
| | Float | -3mV/°C/cell |

Duration of discharge vs. Discharge current



Constant Current Discharge Rating Amperes @ 77°F (25°C)

| | | | | | | | | | | | |
|------------------------|-----|-----|------|------|------|------|-------|-----|------|-----|------|
| Cut off voltage V/cell | 30M | 45M | 1H | 2H | 3H | 5H | 8H | 10H | 12H | 20H | 24H |
| 1.75V | 97 | 71 | 58.8 | 31.5 | 24.3 | 16.5 | 11.37 | 9.3 | 7.98 | 5.0 | 4.19 |

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