

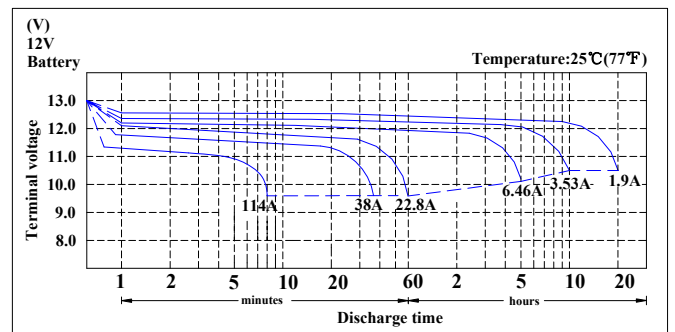
Specifications

| | | |
|-------------------------------|-------------------------------|--------------------------|
| Nominal Voltage | | 12V |
| Rated Capacity (20 hour rate) | | 38AH |
| Dimension | Total Height (with terminals) | 170mm(6.85inches) |
| | Height | 170mm(6.85inches) |
| | Length | 198mm(7.80inches) |
| | Width | 166mm(6.54inches) |
| Weight | | Approx.13.3kg (29.26lbs) |

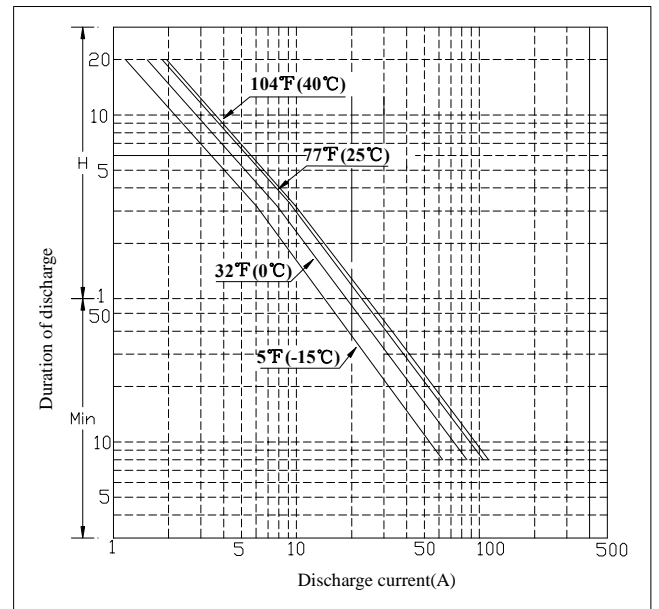
Characteristics

| | | |
|---|-----------------------------------|-------------------------|
| Capacity 77°F (25°C) | 20 hour rate (1.9A to 10.5Volts) | 38AH |
| | 10 hour rate (3.53A to 10.5Volts) | 35.3AH |
| | 5 hour rate (6.46A to 10.2Volts) | 32.3H |
| | 1 hour rate (22.8A to 9.6Volts) | 22.8AH |
| Internal Resistance | Full charged 77°F (25°C) | 10 mΩ |
| 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) | 550A (5s) | |
| Maximum Charge Current(A) | 7.6A | |
| Charging (Constant Voltage) | Cycle | 14.5V~14.9V/77°F (25°C) |
| | Float | 13.6V~13.8V/77°F (25°C) |
| Temperature compensation coefficient of charging voltage (mV/°C/cell) | Cycle | -4mV/°C/cell |
| | Float | -3mV/°C/cell |

Discharge characteristics 77°F (25°C)



Duration of discharge vs. Discharge current



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

| Cut off voltage V/cell | 15M | 30M | 45M | 1H | 2H | 3H | 5H | 8H | 10H | 12H | 20H | 24H |
|------------------------|-----|-----|-----|------|------|-----|-----|------|------|------|------|------|
| 1.75V | 62 | 38 | 27 | 21.9 | 12.8 | 9.3 | 6.3 | 4.32 | 3.53 | 3.01 | 1.90 | 1.59 |

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