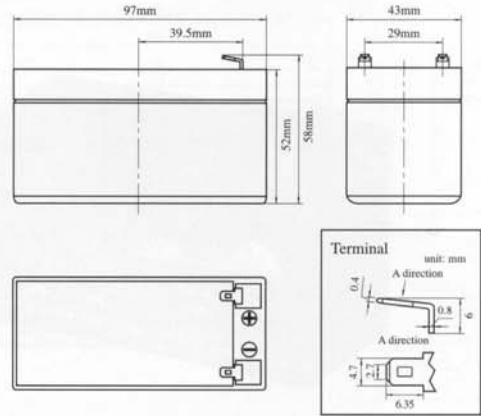


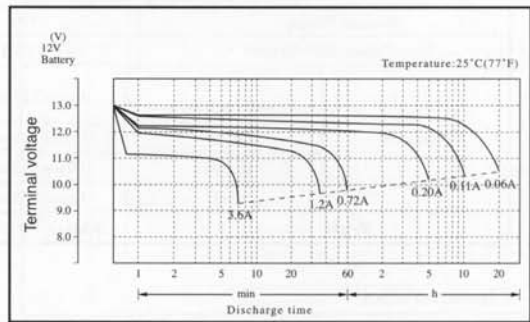
MW1.2-12



Specifications

| | | |
|------------------------------|-------------------------------|------------------------|
| Nominal Voltage | | 12V |
| Rated Capacity(20 hour rate) | | 1.2AH |
| Dimension | Total Height (with terminals) | 58mm(2.28inches) |
| | Height | 52mm(2.05inches) |
| | Length | 97mm(3.82inches) |
| | Width | 43mm(1.69inches) |
| Weight | | Approx.0.59kg(1.30lbs) |

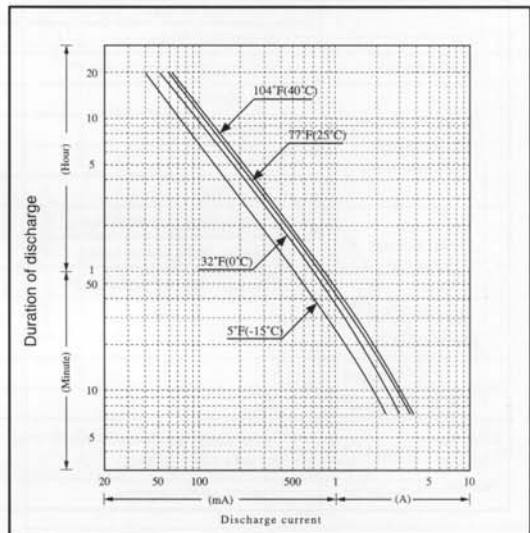
Discharge characteristics 77°F(25°C)



Characteristics

| | | |
|---|-----------------------------------|---|
| Capacity 77°F(25°C) | 20 hour rate(60mA) | 1.2AH |
| | 10 hour rate(110mA) | 1.1AH |
| | 5 hour rate(200mA) | 1.0AH |
| | 1 hour rate(720mA) | 0.72AH |
| | 15 min rate(2.12A) | 0.53AH |
| Internal Resistance | Full charged Battery 77°F(25°C) | 78mΩ |
| | 104°F(40°C) | 102% |
| Capacity affected by Temperature (20 hour rate) | 77°F(25°C) | 100% |
| | 32°F(0°C) | 85% |
| | 5°F(-15°C) | 65% |
| | Capacity after 3 month storage | 91% |
| Self-Discharge 77°F(25°C) | Capacity after 6 month storage | 82% |
| | Capacity after 12 month storage | 64% |
| | Max. Discharge Current 77°F(25°C) | 18A(5S) |
| Terminal | Standard | F1 |
| | Optional | F2 |
| Charging (Constant Voltage) | Cycle | Initial Charging Current 240mA Or Small 14.5V~14.9V/77°F(25°C) |
| | Float | 13.6V~13.8V/77°F(25°C) |

Duration of discharge vs. Discharge current



Constant Power Discharge Watts Per Cell @ 77°F(25°C)

| Cut off voltageV/cell | 5M | 10M | 15M | 30M | 40M | 60M |
|-----------------------|-----|-----|-----|-----|-----|-----|
| 1.50V | 9.4 | 6.3 | 4.8 | 3.0 | 2.4 | 1.7 |
| 1.60V | 9.1 | 6.2 | 4.7 | 2.9 | 2.4 | 1.7 |
| 1.67V | 8.9 | 6.0 | 4.6 | 2.8 | 2.2 | 1.6 |
| 1.70V | 8.8 | 6.0 | 4.5 | 2.8 | 2.2 | 1.6 |
| 1.75V | 8.6 | 5.8 | 4.4 | 2.7 | 2.2 | 1.6 |

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

MARWO Battery Factory

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