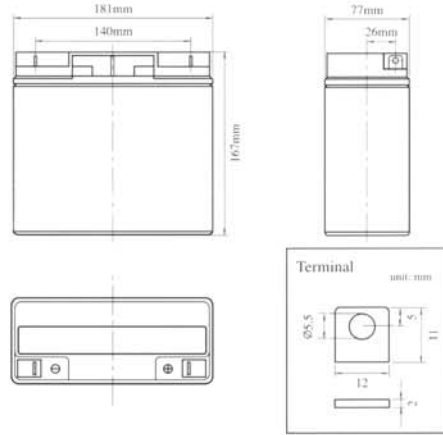


# MW17-12



## Specifications

|                              |                               |                         |
|------------------------------|-------------------------------|-------------------------|
| Nominal Voltage              |                               | 12V                     |
| Rated Capacity(20 hour rate) |                               | 17AH                    |
| Dimension                    | Total Height (with terminals) | 167mm(6.57inches)       |
|                              | Height                        | 167mm(6.57inches)       |
|                              | Length                        | 181mm(7.13inches)       |
|                              | Width                         | 77mm(3.03inches)        |
| Weight                       |                               | Approx.6.22kg(13.71lbs) |

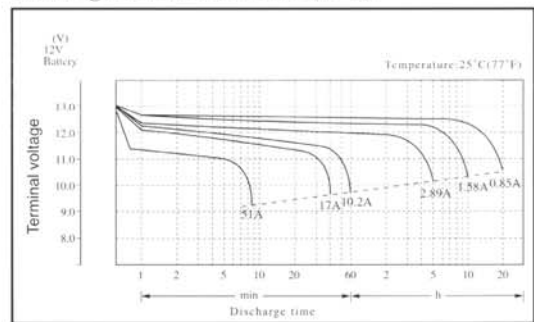
## Characteristics

|                                                       |                                 |                                                                  |
|-------------------------------------------------------|---------------------------------|------------------------------------------------------------------|
| Capacity<br>77°F(25°C)                                | 20 hour rate(850mA)             | 17AH                                                             |
|                                                       | 10 hour rate(1.58A)             | 15.8AH                                                           |
|                                                       | 5 hour rate(2.9A)               | 14.5AH                                                           |
|                                                       | 1 hour rate(10.2A)              | 10.2AH                                                           |
|                                                       | 15 min rate(29.76A)             | 7.44AH                                                           |
| Internal Resistance                                   | Full charged Battery 77°F(25°C) | 12mΩ                                                             |
| Capacity affected<br>by Temperature<br>(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<br>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)                     |                                 | 255A(5S)                                                         |
| Terminal                                              | Standard                        | F3                                                               |
|                                                       | Optional                        | F12                                                              |
| Charging<br>(Constant Voltage)                        | Cycle                           | Initial Charging Current 3.4A Or Small<br>14.5V~14.9V/77°F(25°C) |
|                                                       | Float                           | 13.6V~13.8V/77°F(25°C)                                           |

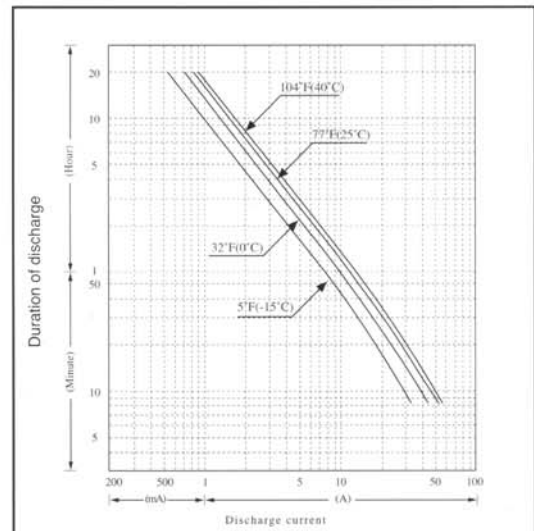
## Constant Power Discharge Watts Per Cell @ 77°F(25°C)

| Cut off voltageV/cell | 5M    | 10M  | 15M  | 30M  | 40M  | 60M  |
|-----------------------|-------|------|------|------|------|------|
| 1.50V                 | 137.0 | 88.7 | 69.1 | 40.6 | 35.9 | 26.5 |
| 1.60V                 | 135.7 | 87.8 | 68.2 | 39.9 | 35.1 | 26.0 |
| 1.67V                 | 133.8 | 86.7 | 67.6 | 39.5 | 34.8 | 25.7 |
| 1.70V                 | 131.6 | 85.9 | 67.1 | 39.0 | 34.4 | 25.3 |
| 1.75V                 | 130.5 | 84.9 | 66.1 | 38.4 | 33.7 | 24.7 |

## Discharge characteristics 77°F(25°C)



## Duration of discharge vs. Discharge current



**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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