



NON-SPILLABLE SEALED RECHARGEABLE BATTERY

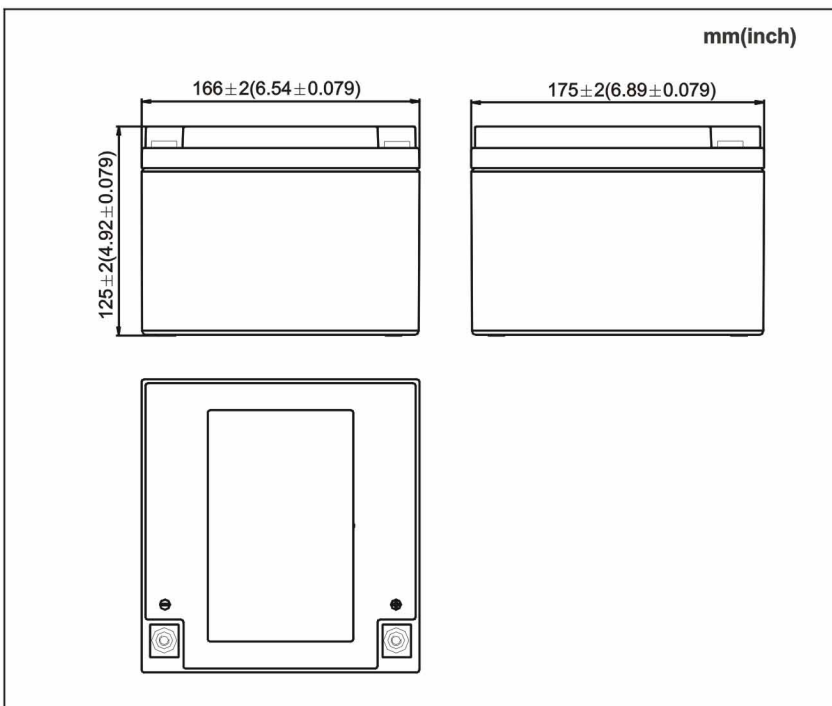
# HR12103W

| ☆ SPECIFICATION  | ☆ CHARACTERISTICS                             |
|--|---|
| ● NOMINAL VOLTAGE : 12 V                                   | ● CAPACITY 25 °C / 77 °F                      |
| ● NOMINAL POWER(15Min) : 103W/Cell                         | 20 hr @ 1.25 A : 25 Ah                        |
| ● DIMENSIONS   | 10 hr @ 2.25 A : 22.5 Ah                      |
| TOTAL HEIGHT : 125 mm ( 4.92 inches )                      | 5 hr @ 4 A : 20 Ah                            |
| CONTAINER HEIGHT : 125 mm ( 4.92 inches )                  | 1 hr @ 15 A : 15 Ah                           |
| LENGTH : 166 mm ( 6.54 inches )                            | 1 C @ 25 A : 12.5 Ah                          |
| WIDTH : 175 mm ( 6.89 inches )                             | ● INTERNAL RESISTANCE( 25°C , 77 °F ) : 15 mΩ |
| WEIGHT : APPROX 9.98 kg ( 22.0 lbs )                       | ● CHARGING VOLTAGE ( 25°C , 77 °F )           |
| ● MAX DISCHARGE CURRENT : 250 A ( 5 sec )                  | STANDBY USE : 2.275±0.025 V/CELL              |
| ● MAX SHORT- DURATION DISCHARGE CURRENT : 750 A( 0.1 sec ) | : (-3.3mV / °C / CELL)                        |
| ● STANDARD TERMINALS : RT-05                               | CYCLE USE : 2.45±0.05 V/CELL                  |
| ● CONTAINER MATERIAL : GENERAL GRADE ABS                   | : (-5 mV / °C / CELL)                         |
|  | ● MAX CHARGING CURRENT : 7.5 A                |

| CONSTANT POWER DISCHARGE CHARACTERISTICS UNIT: WATT(25°C,77°F) M: MINUTE H: HOUR |      |         |         |         |        |        |        |        |
|--|------|---------|---------|---------|--------|--------|--------|--------|
| E.V.   | TIME | 5M      | 10M     | 15M     | 30M    | 1H     | 2H     | 3H     |
| 1.60V  |      | 221.20W | 140.52W | 105.18W | 61.83W | 35.02W | 19.25W | 13.43W |
| 1.70V  |      | 205.00W | 133.83W | 101.28W | 60.29W | 34.33W | 18.93W | 13.19W |
| 1.80V  |      | 180.42W | 120.66W | 92.57W  | 56.28W | 32.63W | 18.24W | 12.80W |

| CONSTANT CURRENT DISCHARGE CHARACTERISTICS UNIT: AMPERE(25°C,77°F) M: MINUTE H: HOUR |      |         |        |        |        |        |       |       |
|--|------|---------|--------|--------|--------|--------|-------|-------|
| E.V.   | TIME | 5M      | 10M    | 15M    | 30M    | 1H     | 2H    | 3H    |
| 1.60V  |      | 118.71A | 73.31A | 54.69A | 31.55A | 17.61A | 9.62A | 6.72A |
| 1.70V  |      | 110.02A | 69.82A | 52.66A | 30.77A | 17.26A | 9.46A | 6.60A |
| 1.80V  |      | 96.83A  | 62.95A | 48.13A | 28.72A | 16.41A | 9.12A | 6.40A |

## ☆ Dimensions



## ☆ Terminal

