



TYSONIC[®]

NON-SPILLABLE SEALED RECHARGEABLE BATTERY

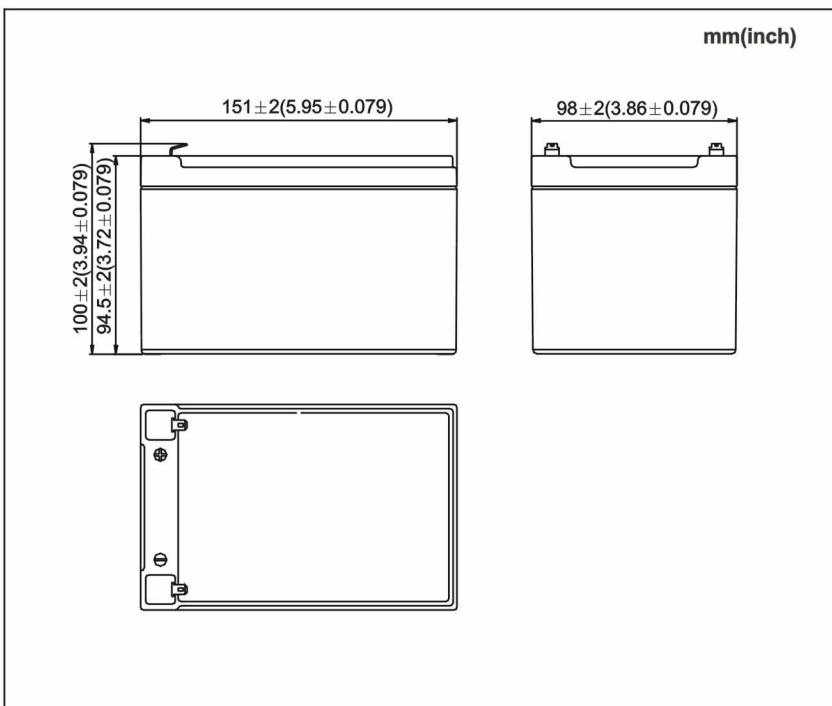
HR1253W

| ☆ SPECIFICATION | ☆ CHARACTERISTICS |
|--|---|
| ● NOMINAL VOLTAGE : 12 V | ● CAPACITY 25 °C / 77 °F |
| ● NOMINAL POWER(15Min) : 53W/Cell | 20 hr @ 0.65 A : 13 Ah |
| ● DIMENSIONS | 10 hr @ 2.08 A : 11.7 Ah |
| TOTAL HEIGHT : 100 mm (3.94 inches) | 5 hr @ 2.08 A : 10.4 Ah |
| CONTAINER HEIGHT : 94.5 mm (3.72 inches) | 1 hr @ 7.8 A : 7.8 Ah |
| LENGTH : 151 mm (5.95 inches) | 1 C @ 12 A : 6.5 Ah |
| WIDTH : 98 mm (3.86 inches) | ● INTERNAL RESISTANCE(25°C , 77 °F) : 14 mΩ |
| WEIGHT : APPROX 4.06 kg (8.95 lbs) | ● CHARGING VOLTAGE (25°C , 77 °F) |
| ● MAX DISCHARGE CURRENT : 130 A (5 sec) | STANDBY USE : 2.275 ± 0.025 V/CELL |
| ● MAX SHORT- DURATION DISCHARGE CURRENT : 390 A(0.1 sec) | : (-3.3mV / °C / CELL) |
| ● STANDARD TERMINALS : FO-02/FO-03 | CYCLE USE : 2.45 ± 0.05 V/CELL |
| ● CONTAINER MATERIAL : GENERAL GRADE ABS | : (-5 mV / °C / CELL) |
| | ● MAX CHARGING CURRENT : 3.9 A |

| CONSTANT POWER DISCHARGE CHARACTERISTICS UNIT: WATT(25°C,77°F) M: MINUTE H: HOUR | | | | | | | |
|--|---------|--------|--------|--------|--------|-------|-------|
| F.V. \ TIME | 5M | 10M | 15M | 30M | 1H | 2H | 3H |
| 1.60V | 113.82W | 72.30W | 54.12W | 31.81W | 18.02W | 9.90W | 6.91W |
| 1.70V | 105.48W | 68.86W | 52.11W | 31.02W | 17.66W | 9.74W | 6.79W |
| 1.80V | 92.83W | 62.08W | 47.63W | 28.96W | 16.79W | 9.38W | 6.58W |

| CONSTANT CURRENT DISCHARGE CHARACTERISTICS UNIT: AMPERE(25°C,77°F) M: MINUTE H: HOUR | | | | | | | |
|--|--------|--------|--------|--------|-------|-------|-------|
| F.V. \ TIME | 5M | 10M | 15M | 30M | 1H | 2H | 3H |
| 1.60V | 61.08A | 37.72A | 28.14A | 16.24A | 9.06A | 4.95A | 3.46A |
| 1.70V | 56.61A | 35.93A | 27.10A | 15.83A | 8.88A | 4.87A | 3.39A |
| 1.80V | 49.82A | 32.39A | 24.77A | 14.78A | 8.44A | 4.69A | 3.29A |

☆ Dimensions



☆ Terminal

