



# TYSONIC<sup>®</sup>

NON-SPILLABLE SEALED RECHARGEABLE BATTERY

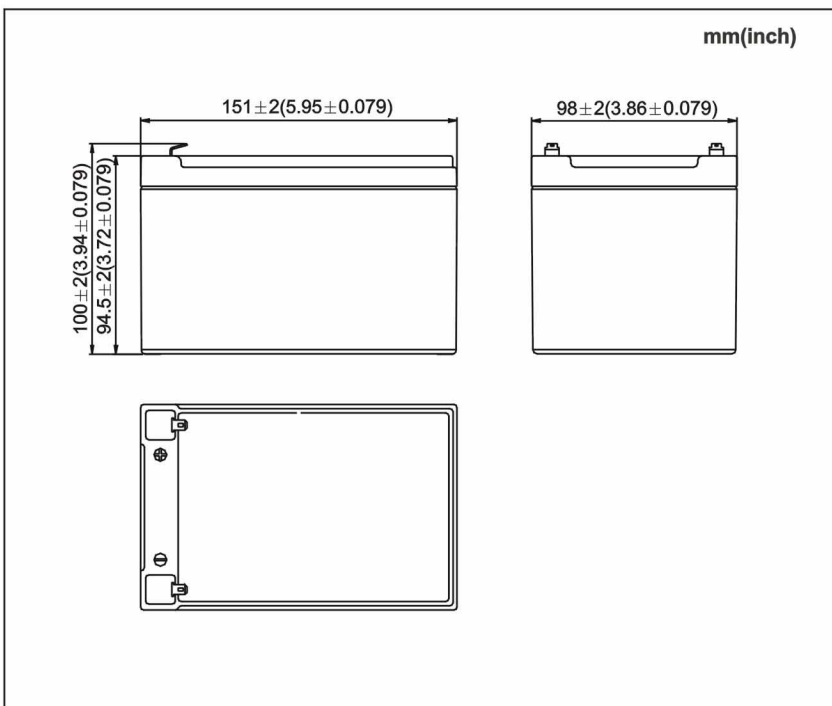
## HR1253W

☆ 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

