



# TYSONIC®

NON-SPILLABLE SEALED RECHARGEABLE BATTERY

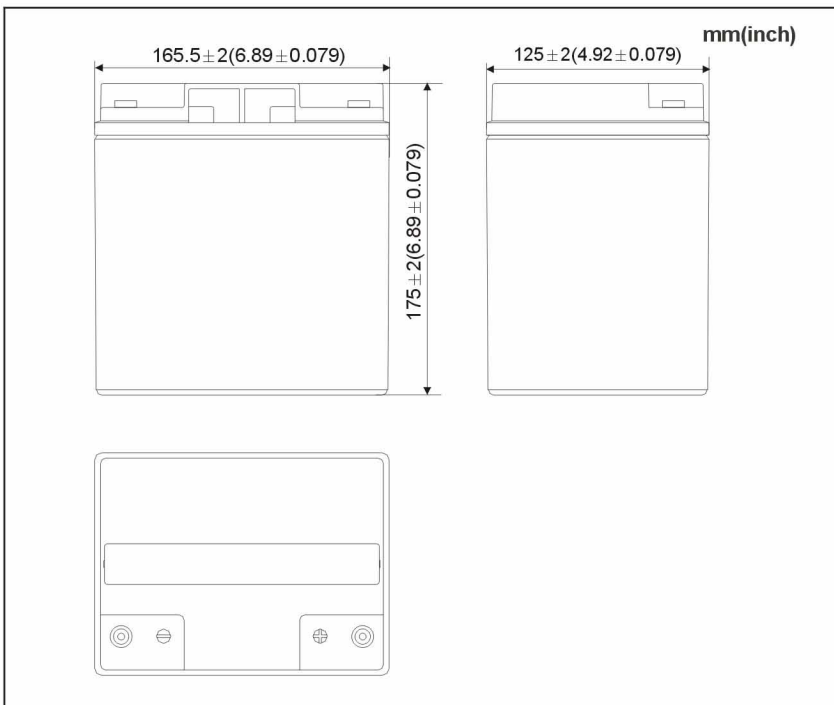
## HRL12100W

☆ SPECIFICATION	☆ CHARACTERISTICS
● NOMINAL VOLTAGE : 12 V	● CAPACITY 25 °C / 77 °F
● NOMINAL POWER(15Min) : 100W/Cell	20 hr @ 1.4 A : 28 Ah
● DIMENSIONS	10 hr @ 2.52 A : 25.2 Ah
TOTAL HEIGHT : 175 mm ( 6.89 inches )	5 hr @ 4.48 A : 22.4 Ah
CONTAINER HEIGHT : 175 mm ( 6.89 inches )	1 hr @ 16.8 A : 16.8 Ah
LENGTH : 165.5 mm ( 6.52 inches )	1 C @ 28 A : 14 Ah
WIDTH : 125 mm ( 4.92 inches )	● INTERNAL RESISTANCE(25°C, 77 °F) : 9 mΩ
WEIGHT : APPROX 9.7 kg ( 21.38 lbs )	● CHARGING VOLTAGE ( 25°C, 77 °F )
● MAX DISCHARGE CURRENT : 230 A ( 5 sec )	STANDBY USE : 2.275 ± 0.025 V/CELL
● MAX SHORT- DURATION DISCHARGE CURRENT : 600 A( 0.1 sec )	: (-3.3mV / °C / CELL)
● STANDARD TERMINALS : FP-01/RT-08	CYCLE USE : 2.45 ± 0.05 V/CELL
● CONTAINER MATERIAL : GENERAL GRADE ABS	: (-5 mV / °C / CELL)
	● MAX CHARGING CURRENT : 8.4 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		206.16W	130.97W	98.03W	57.63W	32.98W	18.31W	12.78W
1.70V		191.07W	124.73W	94.40W	56.19W	32.33W	18.01W	12.55W
1.80V		168.16W	112.46W	86.28W	52.46W	30.73W	17.35W	12.17W

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		110.64A	68.33A	50.97A	29.41A	16.59A	9.16A	6.39A
1.70V		102.54A	65.08A	49.08A	28.68A	16.26A	9.00A	6.28A
1.80V		90.25A	58.67A	44.86A	26.77A	15.45A	8.68A	6.09A

### ☆ Dimensions



### ☆ Terminal

