



NON-SPILLABLE SEALED RECHARGEABLE BATTERY

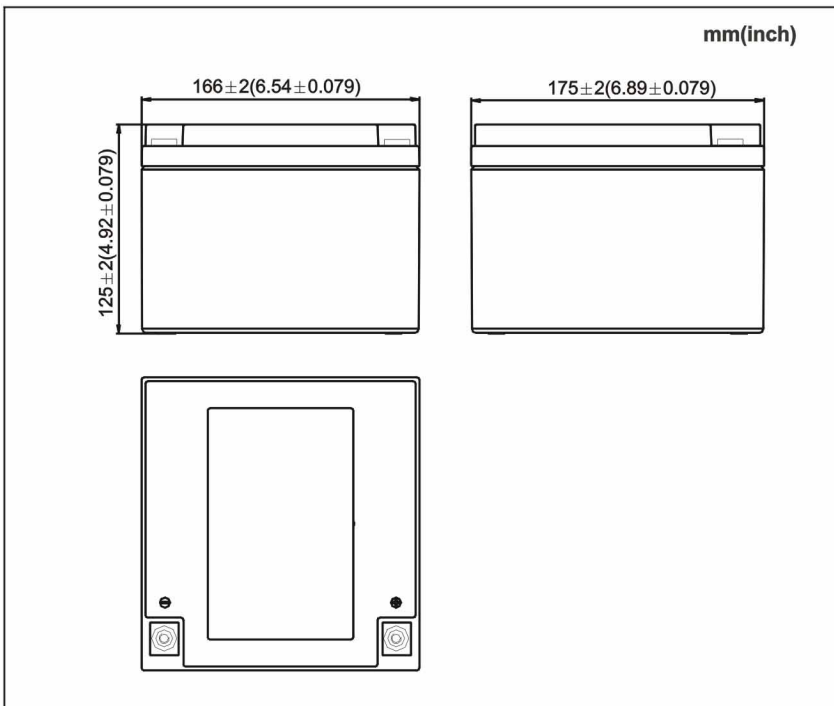
# HR12103W

☆ 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								
F.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								
F.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

