



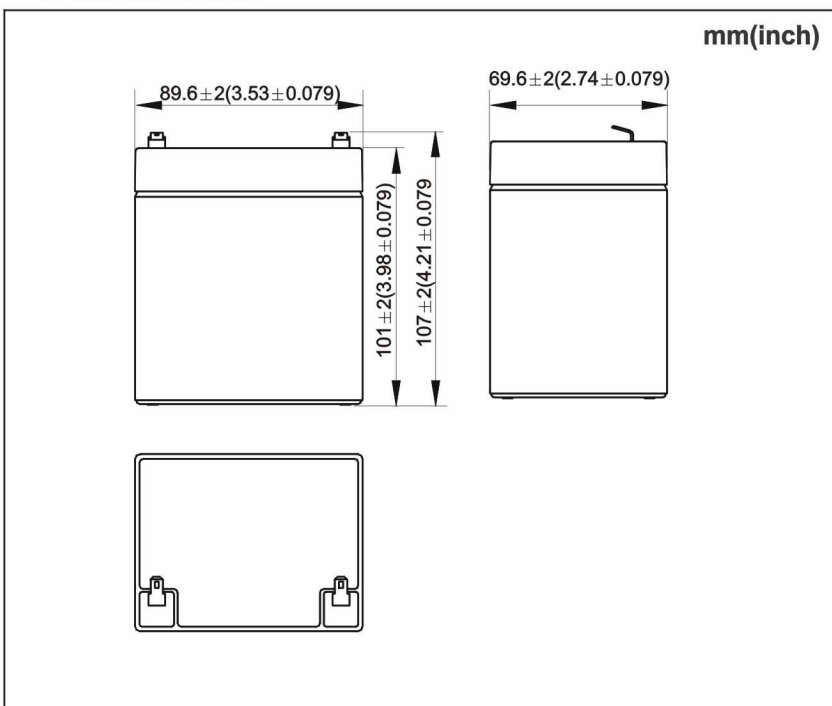
# NON-SPILLABLE SEALED RECHARGEABLE BATTERY HR1221W

☆ SPECIFICATION	☆ CHARACTERISTICS
● NOMINAL VOLTAGE : 12 V	● CAPACITY 25 °C / 77 °F
● NOMINAL POWER(15min) : 21W/CELL	20 hr @ 0.25 A : 5.0 Ah
● DIMENSIONS	10 hr @ 0.45 A : 4.5 Ah
TOTAL HEIGHT : 107 mm ( 4.21 inches )	5 hr @ 0.8 A : 4.0 Ah
CONTAINER HEIGHT : 101 mm ( 3.98 inches )	1 hr @ 3.0 A : 3.0 Ah
LENGTH : 89.6 mm ( 3.53 inches )	1 C @ 5.0 A : 2.5 Ah
WIDTH : 69.6 mm ( 2.74 inches )	● INTERNAL RESISTANCE( 25°C , 77 °F ) : 35 mΩ
WEIGHT : APPROX 1.92 kg ( 4.23 lbs )	● CHARGING VOLTAGE ( 25°C , 77 °F )
● MAX DISCHARGE CURRENT : 50 A ( 5 sec )	STANDBY USE : 2.275±0.025 V/CELL
● MAX SHORT- DURATION DISCHARGE CURRENT : 150 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 : 1.5 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	44.71W	28.40W	21.26W	12.50W	7.08W	3.89W	2.72W
1.70V	41.43W	27.05W	20.47W	12.19W	6.94W	3.83W	2.67W
1.80V	36.47W	24.39W	18.71W	11.38W	6.59W	3.69W	2.59W

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	23.99A	14.82A	11.05A	6.38A	3.56A	1.95A	1.36A
1.70V	22.24A	14.11A	10.64A	6.22A	3.49A	1.91A	1.33A
1.80V	19.57A	12.72A	9.73A	5.81A	3.32A	1.84A	1.29A

## ☆ Dimensions



## ☆ Terminal

