



TYSONIC®

NON-SPILLABLE SEALED RECHARGEABLE BATTERY

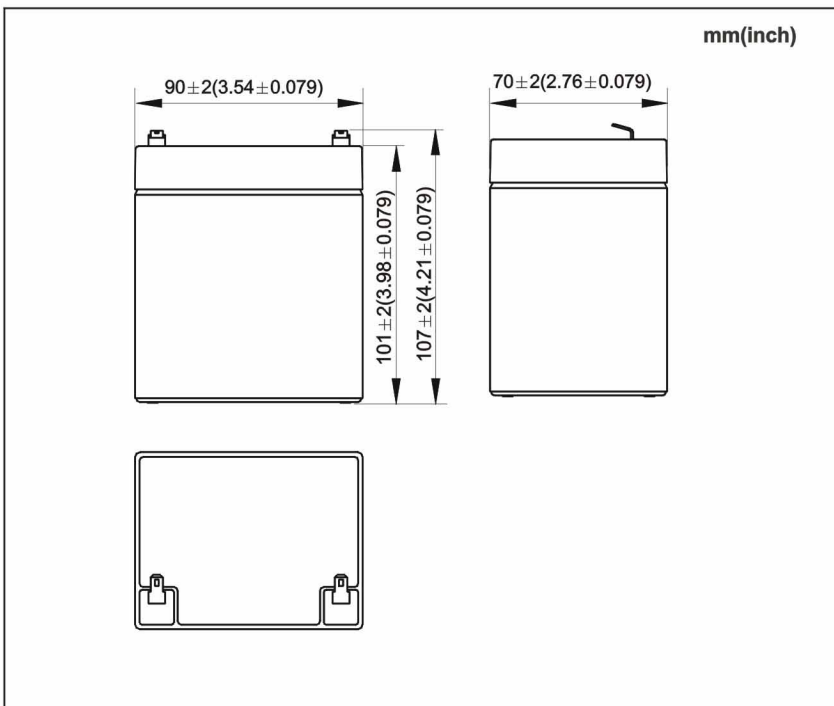
HR1223W

☆ SPECIFICATION	☆ CHARACTERISTICS
● NOMINAL VOLTAGE : 12 V	● CAPACITY 25 °C / 77 °F
● NOMINAL POWER(15min) : 23W/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 : 90 mm (3.54 inches)	1 C @ 5.0 A : 2.5 Ah
WIDTH : 70 mm (2.76 inches)	● INTERNAL RESISTANCE(25°C , 77 °F) : 35 mΩ
WEIGHT : APPROX 1.95 kg (4.30 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	49.38W	31.37W	23.48W	13.80W	7.82W	4.30W	3.00W
1.70V	45.77W	29.88W	22.61W	13.46W	7.66W	4.23W	2.95W
1.80V	40.28W	26.94W	20.67W	12.57W	7.28W	4.07W	2.86W

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	26.50A	16.37A	12.21A	7.04A	3.93A	2.15A	1.50A
1.70V	24.56A	15.59A	11.76A	6.87A	3.85A	2.11A	1.47A
1.80V	21.62A	14.05A	10.75A	6.41A	3.66A	2.04A	1.43A

☆ Dimensions



☆ Terminal

