



TYSONIC®

NON-SPILLABLE SEALED RECHARGEABLE BATTERY

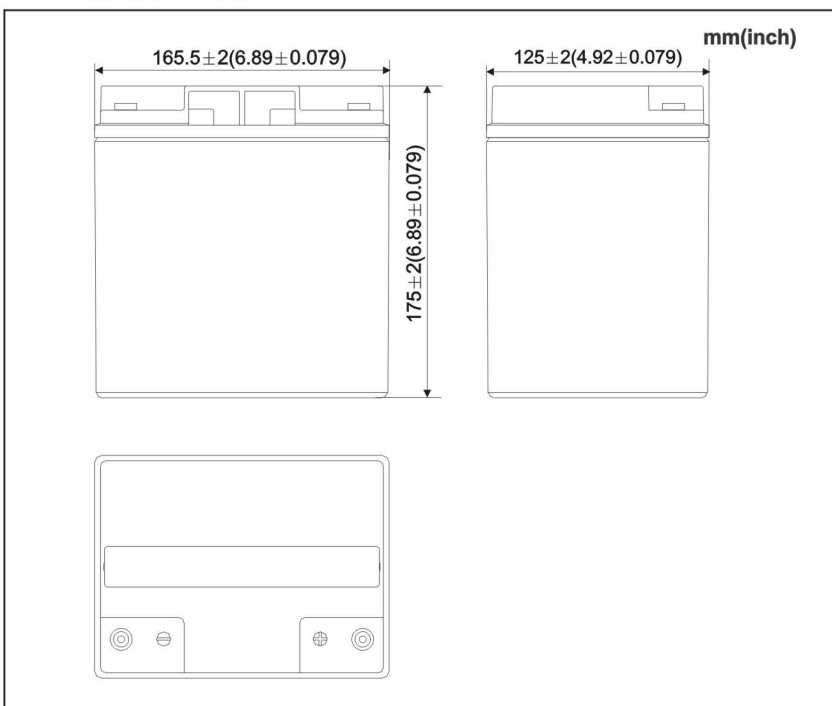
HR12100W

☆ 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	214.75W	136.43W	102.12W	60.03W	34.00W	18.69W	13.04W
1.70V	199.03W	129.93W	98.33W	58.53W	33.33W	18.38W	12.81W
1.80V	175.16W	117.15W	89.88W	54.64W	31.68W	17.71W	12.42W

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	115.25A	71.18A	53.10A	30.64A	17.10A	9.34A	6.52A
1.70V	106.82A	67.79A	51.13A	29.87A	16.76A	9.19A	6.41A
1.80V	94.01A	61.12A	46.73A	27.89A	15.93A	8.85A	6.21A

☆ Dimensions



☆ Terminal

