



TYSONIC[®]

NON-SPILLABLE SEALED RECHARGEABLE BATTERY

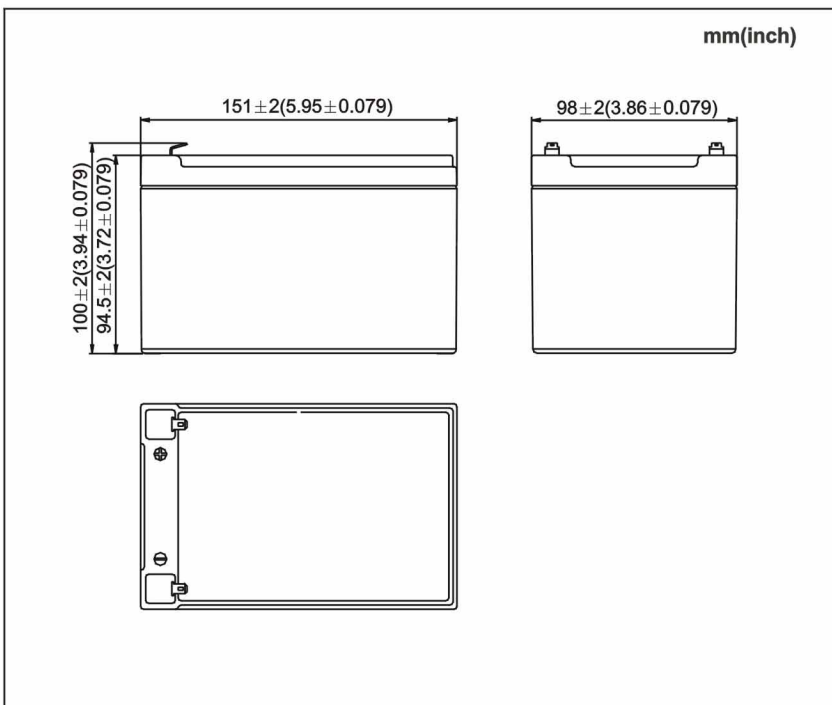
HRL1253W

☆ SPECIFICATION	☆ CHARACTERISTICS
● NOMINAL VOLTAGE : 12 V	● CAPACITY 25 °C / 77 °F
● NOMINAL POWER(15Min) : 53W/Cell	20 hr @ 0.65 A : 13 Ah
● DIMENSIONS	10 hr @ 2.08 A : 11.7 Ah
TOTAL HEIGHT : 100 mm (3.94 inches)	5 hr @ 2.08 A : 10.4 Ah
CONTAINER HEIGHT : 94.5 mm (3.72 inches)	1 hr @ 7.8 A : 7.8 Ah
LENGTH : 151 mm (5.95 inches)	1 C @ 12 A : 6.5 Ah
WIDTH : 98 mm (3.86 inches)	● INTERNAL RESISTANCE(25°C , 77 °F) : 14 mΩ
WEIGHT : APPROX 4.06 kg (8.95 lbs)	● CHARGING VOLTAGE (25°C , 77 °F)
● MAX DISCHARGE CURRENT : 130 A (5 sec)	STANDBY USE : 2.275 ± 0.025 V/CELL
● MAX SHORT- DURATION DISCHARGE CURRENT : 390 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 : 3.9 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		109.26W	69.41W	51.96W	30.54W	17.48W	9.71W	6.77W
1.70V		101.26W	66.11W	50.03W	29.78W	17.13W	9.54W	6.65W
1.80V		89.12W	59.60W	45.73W	27.80W	16.28W	9.20W	6.45W

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		58.64A	36.21A	27.01A	15.59A	8.79A	4.85A	3.39A
1.70V		54.35A	34.49A	26.01A	15.20A	8.62A	4.77A	3.33A
1.80V		47.83A	31.10A	23.77A	14.19A	8.19A	4.60A	3.23A

☆ Dimensions



☆ Terminal

