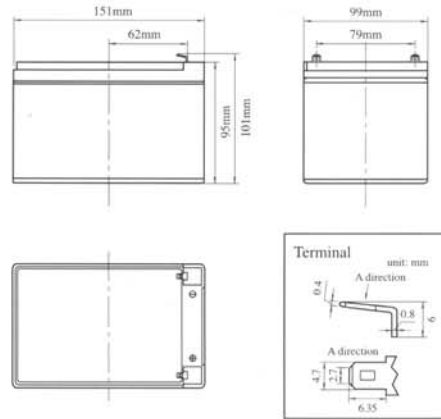


MW12-12



Specifications

Nominal Voltage		12V
Rated Capacity(20 hour rate)		12AH
Dimension	Total Height (with terminals)	101mm(3.98inches)
	Height	95mm(3.74inches)
	Length	151mm(5.94inches)
	Width	99mm(3.90inches)
Weight		Approx.4.20kg(9.26lbs)

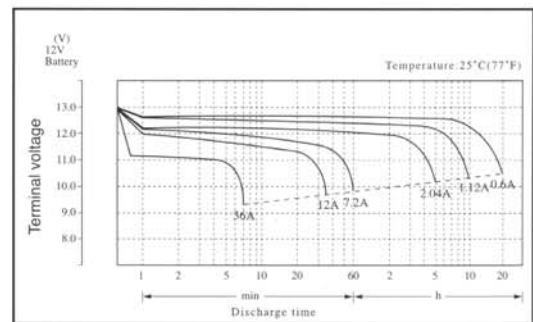
Characteristics

Capacity 77°F (25°C)	20 hour rate (600mA)	12AH
	10 hour rate (1.12A)	11.2AH
	5 hour rate (2.04A)	10.2AH
	1 hour rate (7.2A)	7.2AH
	15 min rate (21A)	5.25AH
Internal Resistance	Full charged Battery 77°F (25°C) 14mΩ	
	104°F (40°C)	102%
	77°F (25°C)	100%
	32°F (0°C)	85%
Capacity affected by Temperature (20 hour rate)	5°F (-15°C)	65%
	Self-Discharge 77°F(25°C)	
	Capacity after 3 month storage	91%
Max. Discharge Current 77°F(25°C)	180A (5S)	
	Capacity after 6 month storage	82%
Terminal	Standard	F1
	Optional	F2
Charging (Constant Voltage)	Cycle	Initial Charging Current 2.4A Or Small 14.5V~14.9V/77°F (25°C)
	Float	13.6V~13.8V/77°F (25°C)

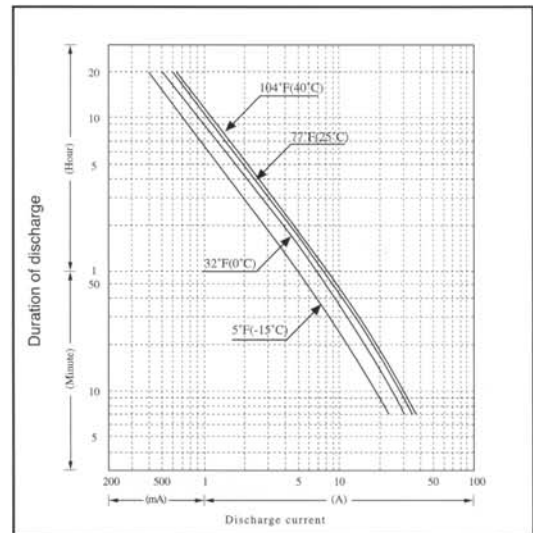
Constant Power Discharge Watts Per Cell @ 77°F(25°C)

Cut off voltageV/cell	5M	10M	15M	30M	40M	60M
1.50V	84.4	57.4	45.0	27.5	23.5	16.3
1.60V	82.4	56.6	43.9	26.7	22.5	15.9
1.67V	80.7	55.3	43.0	26.2	22.1	15.6
1.70V	79.5	54.1	41.9	25.6	21.8	15.5
1.75V	76.3	52.5	40.5	24.9	21.3	15.1

Discharge characteristics 77°F(25°C)



Duration of discharge vs. Discharge current



Note The above data are average values, and can be obtained within 3 charge/discharge cycles. These are not minimum values.

MARWO Battery Factory

5th Floor · China Chem Building · 1 - 13 Lyndhurst Terrace · Central Hong Kong
Tel: (852) 2543 3078 · Fax: (852) 2543 3703 · E-Mail: sales@marwo.hk · Internet: www.marwo.hk