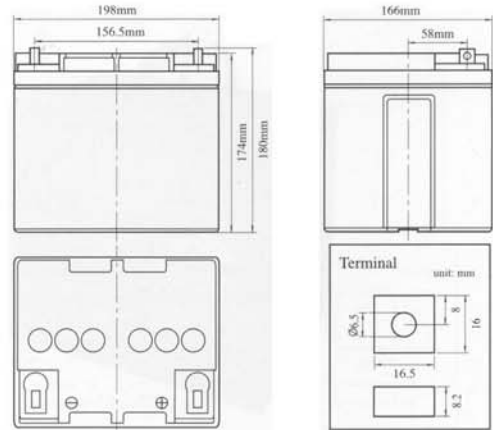


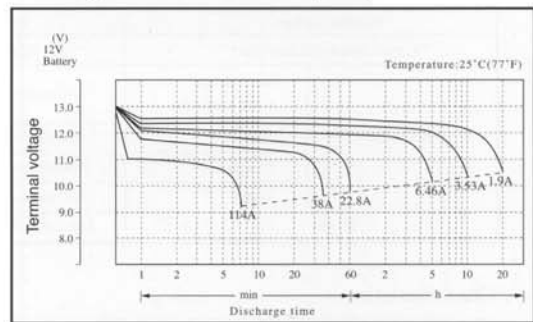
MW38-12



Specifications

Nominal Voltage		12V
Rated Capacity(20 hour rate)		38AH
Dimension	Total Height (with terminals)	180mm(7.09inches)
	Height	174mm(6.85inches)
	Length	198mm(7.80inches)
	Width	166mm(6.54inches)
Weight		Approx.12.8kg(28.22lbs)

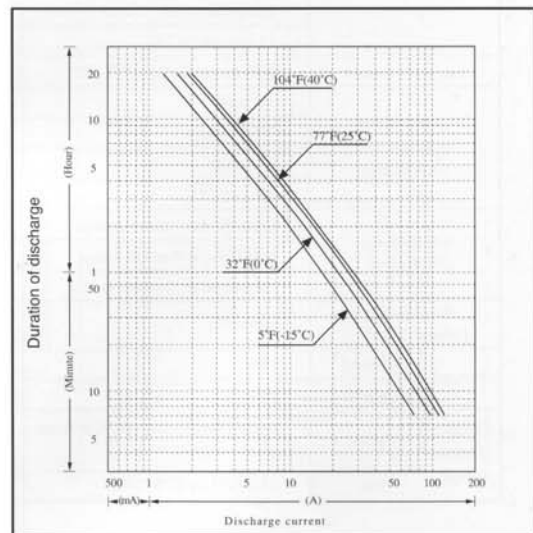
Discharge characteristics 77°F(25°C)



Characteristics

Capacity 77°F (25°C)	20 hour rate (1.9A)	38AH
	10 hour rate (3.53A)	35.3AH
	5 hour rate (6.46A)	32.3AH
	1 hour rate (22.8A)	22.8AH
	15 min rate (66.52A)	16.63AH
Internal Resistance	Full charged Battery 77°F (25°C)	10mΩ
Capacity affected by Temperature (20 hour rate)	104°F (40°C)	102%
	77°F (25°C)	100%
	32°F (0°C)	85%
	5°F (-15°C)	65%
Self-Discharge 77°F(25°C)	Capacity after 3 month storage	91%
	Capacity after 6 month storage	82%
	Capacity after 12 month storage	64%
Max. Discharge Current 77°F(25°C)	570A (5S)	
Terminal	Standard	F4
	Optional	F13
Charging (Constant Voltage)	Cycle	Initial Charging Current 7.6A Or Small 14.5V~14.9V/77°F (25°C)
	Float	13.6V~13.8V/77°F (25°C)

Duration of discharge vs. Discharge current



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

Cut off voltageV/cell	5M	10M	15M	30M	45M	1H	2H	3H	5H	8H	10H	12H	24H
1.60V	281	192	153	90.4	67.2	55.0	31.8	22.3	15.0	9.54	7.83	6.79	3.48
1.65V	278	191	152	90.1	66.7	54.2	31.4	22.0	15.0	9.54	7.83	6.79	3.48
1.67V	275	190	150	89.1	65.7	53.8	31.1	21.9	15.0	9.54	7.83	6.79	3.48
1.70V	268	186	147	86.7	64.5	53.0	30.7	21.6	15.0	9.54	7.83	6.79	3.48
1.75V	261	181	142	84.9	63.2	52.0	30.2	21.3	14.7	9.42	7.78	6.79	3.48
1.80V	254	175	137	83.2	61.9	51.1	29.7	21.1	14.5	9.29	7.70	6.75	3.48

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

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