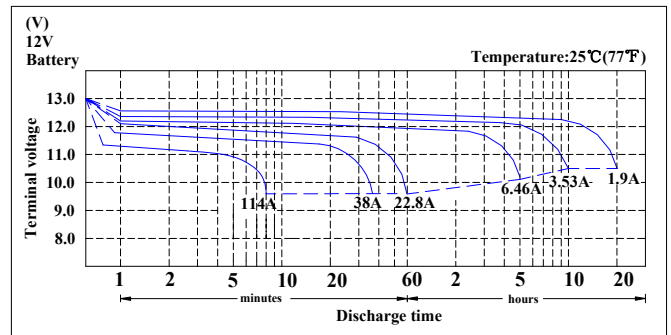


**Specifications**

Nominal Voltage		12V
Rated Capacity (20 hour rate)		38AH
Dimension	Total Height (with terminals)	170mm(6.85inches)
	Height	170mm(6.85inches)
	Length	198mm(7.80inches)
	Width	166mm(6.54inches)
Weight		Approx.13.3kg (29.26lbs)

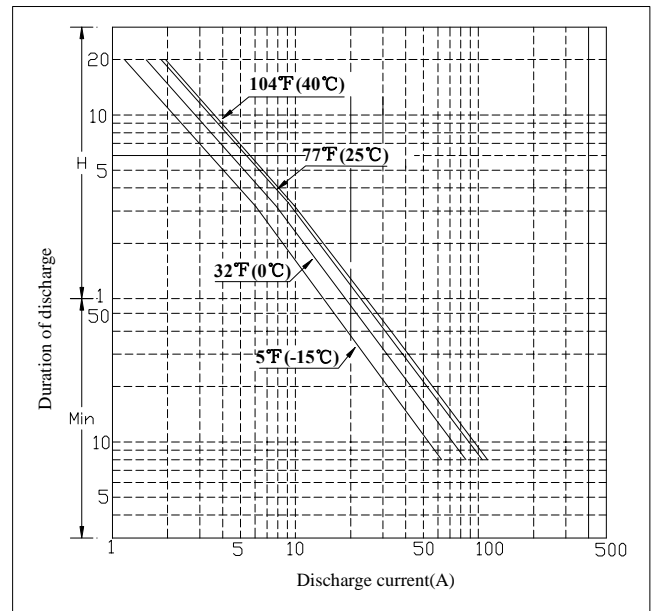
**Discharge characteristics 77°F (25°C)**



**Characteristics**

Capacity 77°F (25°C)	20 hour rate (1.9A to 10.5Volts)	38AH
	10 hour rate (3.53A to 10.5Volts)	35.3AH
	5 hour rate (6.46A to 10.2Volts)	32.3H
	1 hour rate (22.8A to 9.6Volts)	22.8AH
Internal Resistance	Full charged 77°F (25°C)	10 mΩ
Standard Terminal	M6	
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)	550A (5s)	
Maximum Charge Current(A)	7.6A	
Charging (Constant Voltage)	Cycle	14.5V~14.9V/77°F (25°C)
	Float	13.6V~13.8V/77°F (25°C)
Temperature compensation coefficient of charging voltage (mV/°C/cell)	Cycle	-4mV/°C/cell
	Float	-3mV/°C/cell

**Duration of discharge vs. Discharge current**



**Constant Current Discharge Rating Amperes @ 77°F (25°C)**

Cut off voltage V/cell	15M	30M	45M	1H	2H	3H	5H	8H	10H	12H	20H	24H
1.75V	62	38	27	21.9	12.8	9.3	6.3	4.32	3.53	3.01	1.90	1.59

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