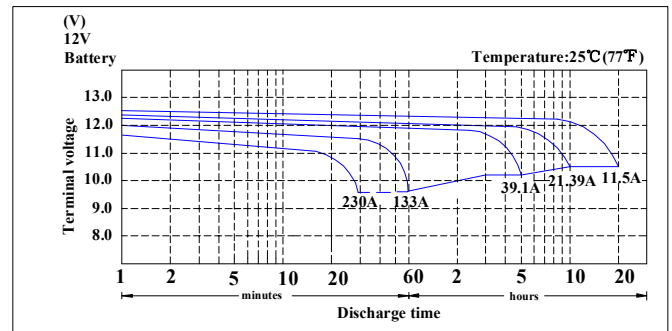


**Specifications**

Nominal Voltage		12V
Rated Capacity (20 hour rate)		230Ah
Dimension	Total Height (with terminals)	222mm(8.74inches)
	Height	218mm(8.58inches)
	Length	522mm(20.55inches)
	Width	242mm(9.53inches)
Weight		Approx.64.5kg (141.9lbs)

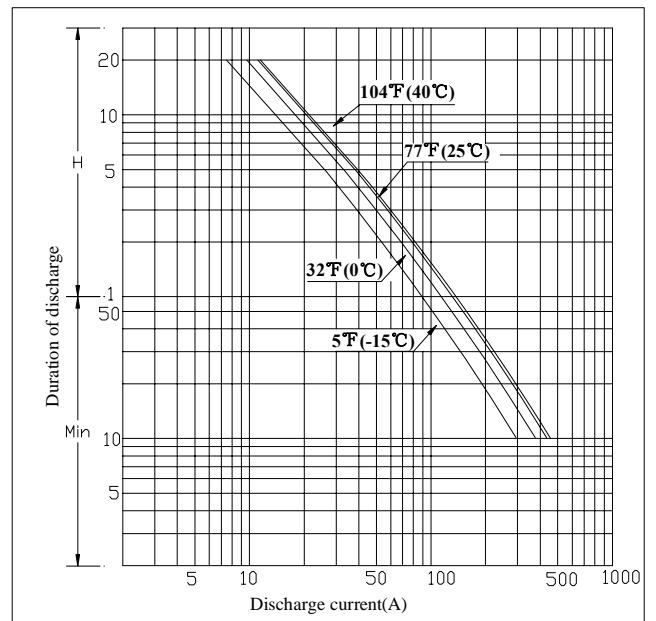
**Discharge characteristics 77°F (25°C)**



**Characteristics**

Capacity 77°F (25°C)	20 hour rate (11.5A to 10.5Volts)	230AH
	10 hour rate (21.39A to 10.5Volts)	213.9AH
	5 hour rate (39.1A to 10.2Volts)	195.5AH
	1 hour rate (133A to 9.6Volts)	133AH
Internal Resistance	Full charged 77°F (25°C)	2.5mΩ
Standard Terminal	M8	
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)	2000A (5s)	
Maximum Charge Current(A)	46A	
Charging (Constant Voltage)	Cycle	14.5V~14.9V/77°F (25°C)
	Float	13.6V~13.8V/77°F (25°C)
Temperature compensation coefficient	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	30M	45M	1H	2H	3H	5H	8H	10H	12H	20H	24H
1.75V	182	151.1	130.3	74.4	56.4	38.3	26.16	21.39	18.21	11.50	9.63

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