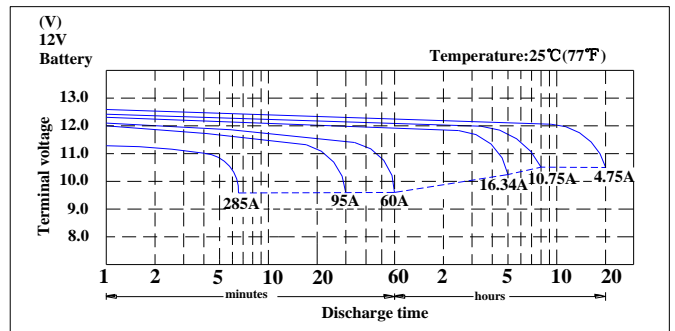


**Specifications**

Nominal Voltage		12V
Rated Capacity (20 hour rate to 1.80Vpc)		95AH
Rated Capacity (10 hour rate to 1.75Vpc)		90AH
Dimension	Total Height (with terminals)	266mm(10.47 inches)
	Height	266mm(10.47 inches)
	Length	395mm(15.55inches)
	Width	105mm(4.13inches)
Weight		Approx.29.2kg (64.37lbs)

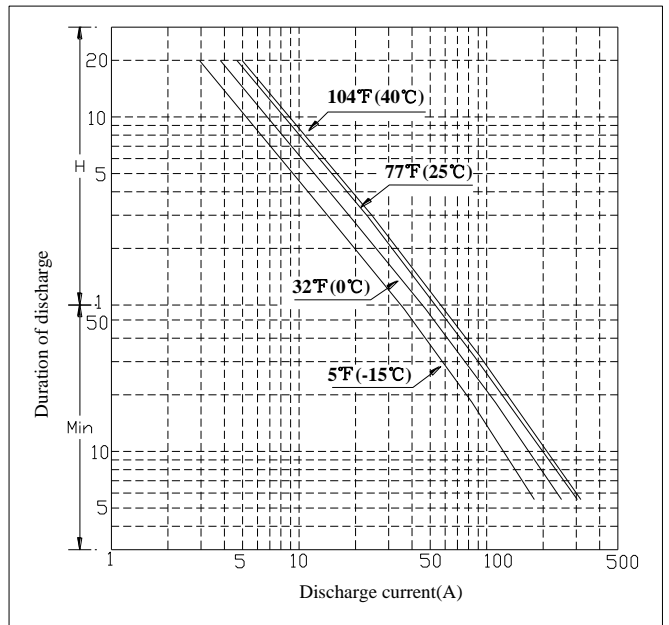
**Discharge characteristics 77°F (25°C)**



**Characteristics**

Capacity 77°F (25°C)	20 hour rate (4.75A to 10.5Volts)	95AH
	8 hour rate (10.35A to 10.5Volts)	86AH
	5 hour rate (16.34A to 10.2Volts)	81.7AH
	1 hour rate (60A to 9.6Volts)	60AH
Internal Resistance	Full charged 77°F (25°C)	3.3mΩ
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)		1000A (5s)
Charging (Constant Voltage)	Cycle	Initial Charging Current 19A 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 wattage discharge(Watts per cell @ 25°C)**

Cut off voltage V/cell	5M	10M	15M	30M	45M	1H	2H	3H	5H	8H	10H	12H	24H
1.67V	530	370	295	184	133	110	61.2	45.7	31.4	20.95	16.97	14.31	7.94
1.70V	509	363	291	180	132	109	60.7	45.4	31.2	20.78	16.94	14.26	7.89
1.75V	490	347	282	176	131	108	60.4	45.3	31.1	20.64	16.83	14.16	7.86
1.80V	449	331	272	171	127	105	60.2	44.9	31.0	20.46	16.60	14.00	7.82

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