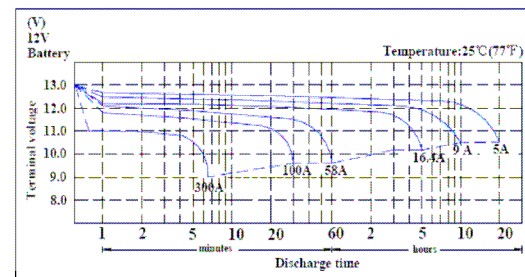


**Specifications**

Nominal Voltage		12V
Rated Capacity (20 hour rate)		100AH
Dimension	Total Height (with terminals)	215mm(8.46 inches)
	Height	211mm(8.31 inches)
	Length	307mm(12.09inches)
	Width	169mm(6.65inches)
Weight		Approx.30.2 kg (66.58lbs)

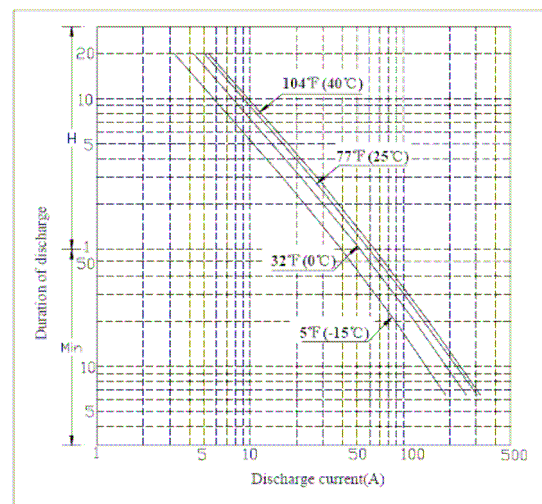
**Discharge characteristics 77°F (25°C)**



**Characteristics**

Capacity 77°F (25°C)	20 hour rate (5 A to 10.5Volts)	100AH
	10 hour rate (9 A to 10.5Volts)	90AH
	5 hour rate (16.4A to 10.2Volts)	82AH
Internal Resistance	Full charged Battery 77°F (25°C)	4.0m Ω
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%
Standard Terminal	M6	
Max. Discharge Current 77°F (25°C)	1000A (5s)	
Cranking Performance	Cranking Amps (30-sec amps to 7.2V @ 32° F (0° C)	660A
	Cold Cranking Amps (30-sec amps to 7.2V @ 0° F (-18° C)	550A
Reserve Capacity (Minutes to 10.5V at 80°F (27°C)	@ 25Amps	150Min
	@ 75Amps	41Min
Charging (Constant Voltage)	Cycle	Initial Charging Current 20A 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 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	145	93	69	56.8	30.1	22.6	15.9	10.9	9.00	7.67	5.00	4.19

**Newton Power**

**Deep Cycle Batteries**

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