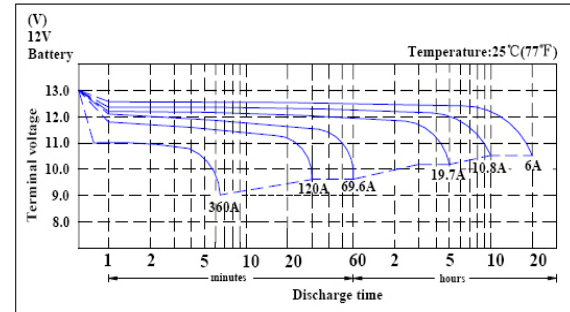


Specifications

Nominal Voltage		12V
Rated Capacity (20 hour rate)		120AH
Dimension	Total Height (with terminals)	240mm(9.45 inches)
	Height	210mm(8.27inches)
	Length	407mm(16.02inches)
	Width	174mm(6.85inches)
Weight		Approx.38.2kg (84.04lbs)

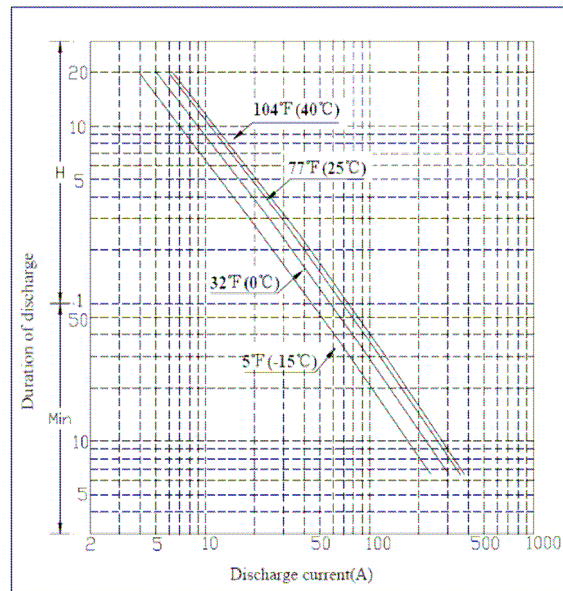
Discharge characteristics 77°F (25°C)



Characteristics

Capacity 77°F (25°C)	20 hour rate (6.0A to 10.5Volts)	120AH
	10 hour rate (10.8A to 10.5Volts)	108AH
	5 hour rate (19.7A to 10.2Volts)	98.5AH
Internal Resistance	Full charged 77°F (25°C)	3.5mΩ
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	M8	
Max. Discharge Current 77°F (25°C)	1200A (5s)	
Cranking Performance	Cranking Amps (30-sec amps to 7.2V @ 32° F (0° C)	900A
	Cold Cranking Amps (30-sec amps to 7.2V @ 0° F (-18° C)	750A
Reserve Capacity (Minutes to 10.5V at 80°F (27°C)	@ 25Amps	200Min
	@ 75Amps	50Min
Charging (Constant Voltage)	Cycle	Initial Charging Current 24A 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	174	112	83	68.2	36.1	27.2	19.0	13.1	10.80	9.20	6.00	5.02

Newton Power

Deep Cycle Batteries

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