

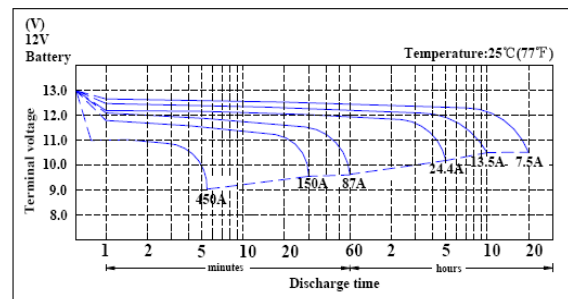
Specifications

Nominal Voltage		12V
Rated Capacity (20 hour rate)		150AH
Dimension	Total Height (with terminals)	241mm(9.49inches)
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	Length	484mm(19.06inches)
	Width	171mm(6.73inches)
Weight		Approx.45.5kg (100.1lbs)

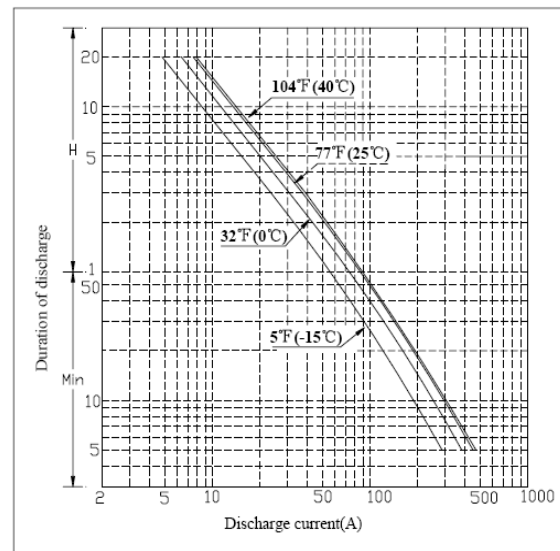
Characteristics

Capacity 77°F (25°C)	20 hour rate (7.5A to 10.5Volts)	150AH
	10 hour rate (13.5A to 10.5Volts)	135AH
	5 hour rate (24.6A to 10.2Volts)	123AH
Internal Resistance	Full charged 77°F (25°C)	2.8mΩ
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)	1500A (5s)	
Cranking Performance	Cranking Amps (30-sec amps to 7.2V @ 32° F (0° C)	1070A
	Cold Cranking Amps (30-sec amps to 7.2V @ 0° F (-18° C)	900A
Reserve Capacity (Minutes to 10.5V at 80°F (27°C)	@ 25Amps	285Min
	@ 75Amps	82Min
Charging (Constant Voltage)	Cycle Initial Charging Current 30A Or Small 14.5V~14.9V/77°F (25°C)	
	Float 13.6V~13.8V/77°F (25°C)	

Discharge characteristics 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	217	140	103	85.3	45.2	34.0	23.8	16.3	13.50	11.50	7.50	6.28

Newton Power Deep Cycle Batteries

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