



NPD121100 12V110AH

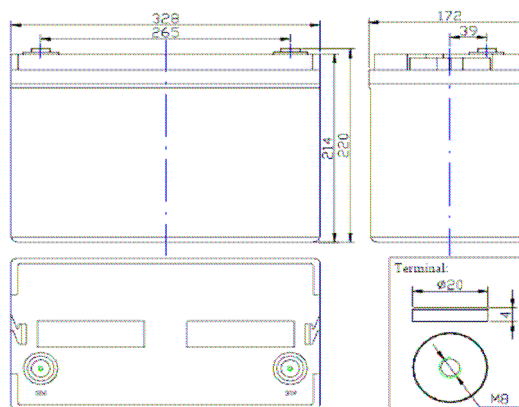


Specifications

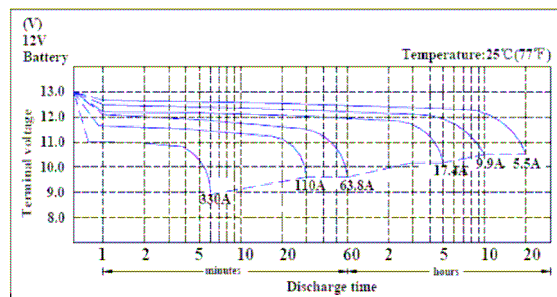
Nominal Voltage		12V
Rated Capacity (20 hour rate)		110AH
Dimension	Total Height (with terminals)	220mm(8.66inches)
	Height	214mm(8.43inches)
	Length	328mm(12.91inches)
	Width	172mm(6.77inches)
Weight		Approx.32.8kg (72.16lbs)

Characteristics

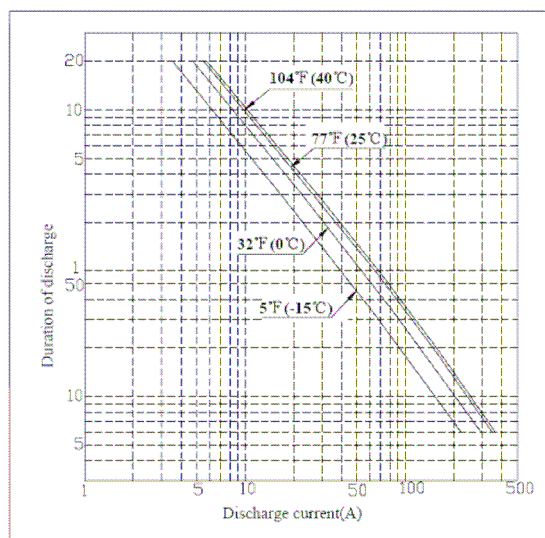
Capacity 77°F (25°C)	20 hour rate (5.5A to 10.5Volts)		110AH
	10 hour rate (9.9A to 10.5Volts)		99AH
	5 hour rate (17.4A to 10.2Volts)		87AH
Internal Resistance	Full charged Battery 77°F (25°C)		3.8m Ω
Capacity affected by Temperature (20 hour rate)	104°F (40°C)		102%
	77°F (25°C)		100%
	32°F (0°C)		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	M8		
Max. Discharge Current 77°F (25°C)	1100A (5s)		
Cranking Performance	Cranking Amps (30-sec amps to 7.2V @ 32° F (0° C)		710A
	Cold Cranking Amps (30-sec amps to 7.2V @ 0° F (-18° C)		600A
Reserve Capacity (Minutes to 10.5V at 80°F (27°C)		@ 25Amps	165Min
		@ 75Amps	43Min
Charging (Constant Voltage)	Cycle	Initial Charging Current 22A Or Small 14.4V~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	151	100	72	59.4	31.6	23.8	16.7	11.4	9.90	8.43	5.50	4.60

Newton Power

Deep Cycle Batteries

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