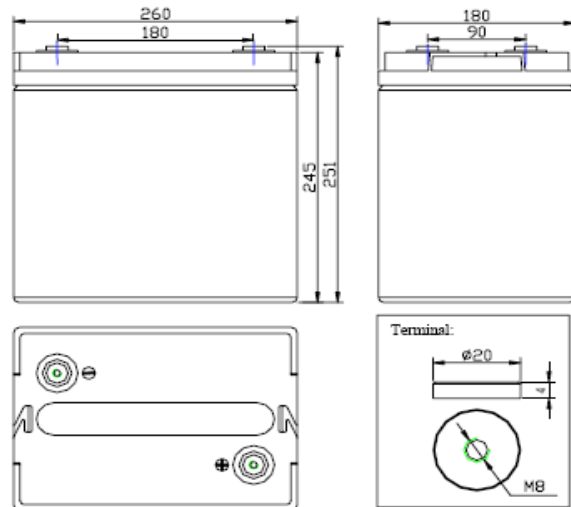


# NPD62000A 6V200AH



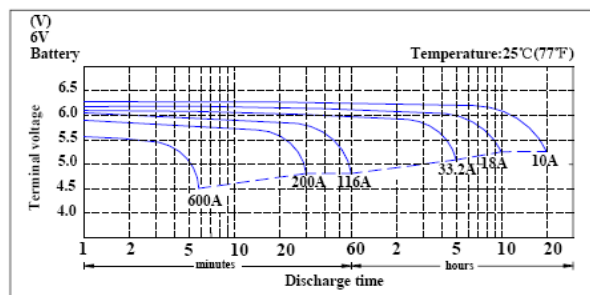
## Specifications

Nominal Voltage		6V
Rated Capacity (20 hour rate)		200AH
Dimension	Total Height (with terminals)	251mm(9.88inches)
	Height	245mm(9.64inches)
	Length	260mm(10.24inches)
	Width	180mm(7.09inches)
Weight		Approx.29.8 kg (65.7Ibs)

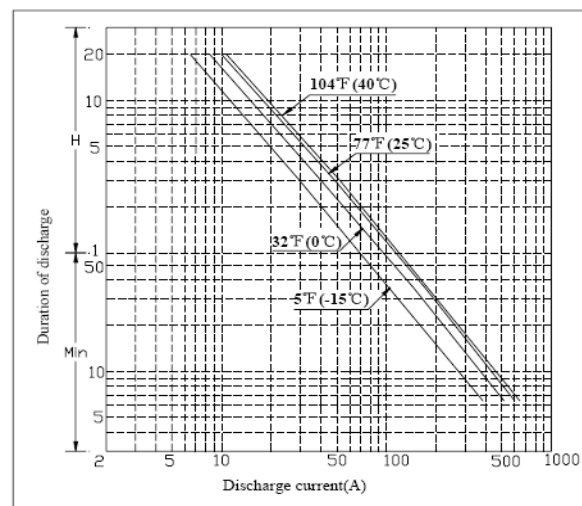
## Characteristics

Capacity 77°F (25°C)	20 hour rate (10A to 5.25Volts)	200AH
	10 hour rate (18A to 5.25Volts)	180AH
	5 hour rate (33.2A to 5.1Volts)	166AH
Internal Resistance	Full charged 77°F (25°C)	1.7mΩ
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)	2000A (5s)	
Reserve Capacity		@ 25Amps 408Min
(Minutes to 10.5V at 80°F (27°C))		@ 75Amps 105Min
Charging (Constant Voltage)	Cycle	Initial Charging Current 40A Or Small 7.25V~7.45V/77°F (25°C)
	Float	6.8V~6.9V/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	30M	45M	1H	2H	3H	5H	8H	10H	12H	20H	24H
1.75V	183	137	110.3	61.2	45.3	31.7	21.8	18.00	15.33	10.00	8.37

## Newton Power

## Deep Cycle Batteries

This information is generally descriptive only and is not intended to make or imply any representation, guarantee or warranty with respect to any cells and batteries. Cell and Battery designs/specification are subject to modification without notice. Contact YHI Power for latest information.