

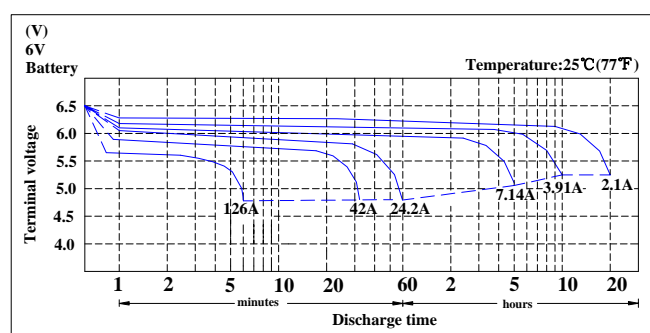
## Specifications

Nominal Voltage		6V
Rated Capacity (20 hour rate)		42AH
Dimension	Total Height (with terminals)	170mm(6.69inches)
	Height	163mm(6.42inches)
	Length	162mm(6.38inches)
	Width	88mm(3.46inches)
Weight		Approx.6.2kg (13.64lbs)

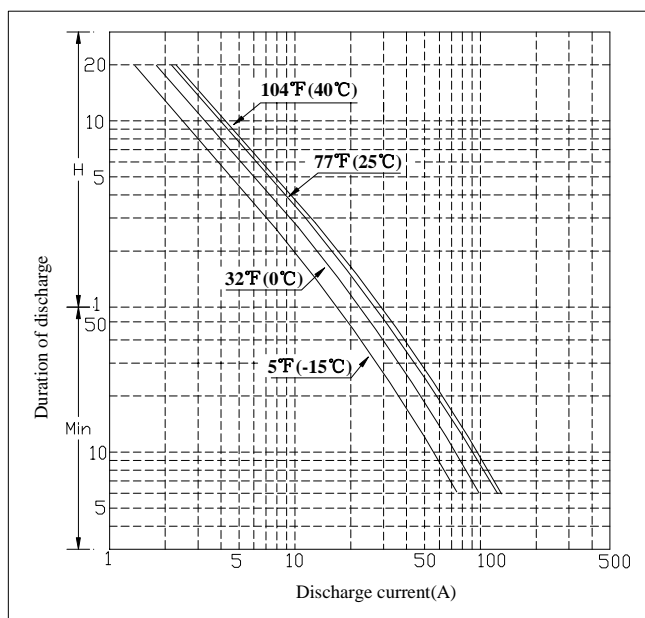
## Characteristics

Capacity 77°F (25°C)	20 hour rate (2.1 A to 5.25Volts)	42AH
	10 hour rate (3.91A to 5.25Volts)	39.1AH
	5 hour rate (7.14A to 5.1Volts)	35.7AH
	1 hour rate (25.2A to 4.8Volts)	25.2AH
Internal Resistance	Full charged 77°F (25°C)	5m Ω
Standard Terminal	F2	
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%
Max. Discharge Current 77°F (25°C)	600A (5s)	
Maximum Charge Current(A)	8.4A	
Charging (Constant Voltage)	Cycle	7.25V~7.45V/77°F (25°C)
	Float	6.8V~6.9V/77°F (25°C)
Temperature compensation coefficient of charging voltage (mV/°C/cell)	Cycle	-4mV/°C/cell
	Float	-3mV/°C/cell

## 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	69	41	30	24.2	13.5	9.8	6.7	4.78	3.91	3.33	2.10	1.76

**Note** The above data are average values, and can be obtained with 3 charge/discharge cycles. These are not minimum values.

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