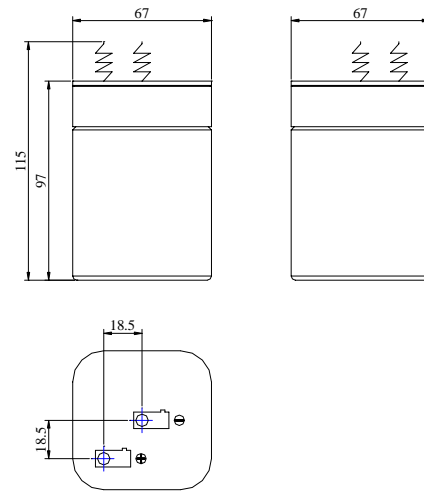


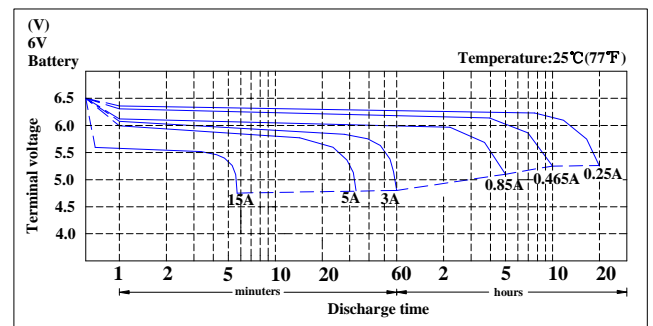
# □ HGL5-6B



## Specifications

Nominal Voltage		6V
Rated Capacity (20 hour rate)		5AH
Dimension	Total Height (with terminals)	115mm(4.53inches)
	Height	97mm(3.82inches)
	Length	67mm(2.64inches)
	Width	67mm(2.64inches)
Weight		Approx.0.92kg (2.03Ibs)

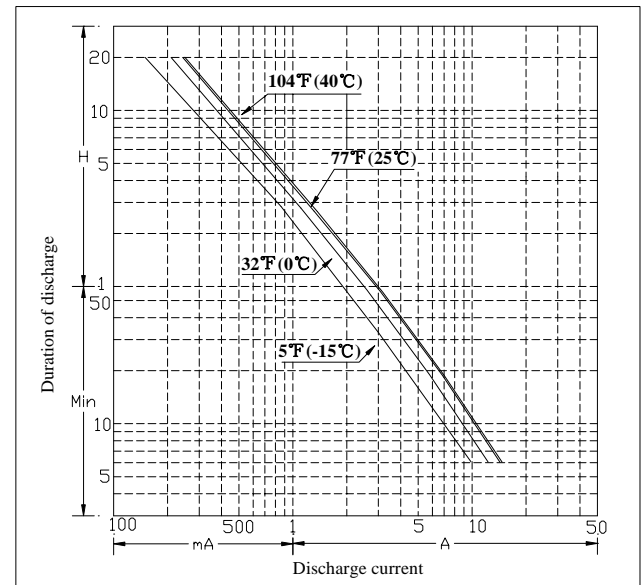
## Discharge characteristics 77°F (25°C)



## Characteristics

Capacity 77°F (25°C)	20 hour rate (0.25 A to 5.25Volts)	5AH
	10 hour rate (0.465A to 5.25Volts)	4.65AH
	5 hour rate (0.85A to 5.1Volts)	4.25AH
	1 hour rate (3A to 4.8Volts)	3AH
Internal Resistance	Full charged 77°F (25°C)	18mΩ
Standard Terminal	S01	
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)	75A (5s)	
Maximum Charge Current(A)	1.0A	
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

## 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
1.75V	7.40	4.56	3.35	2.88	1.64	1.23	0.85	0.569	0.465	0.396	0.250

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