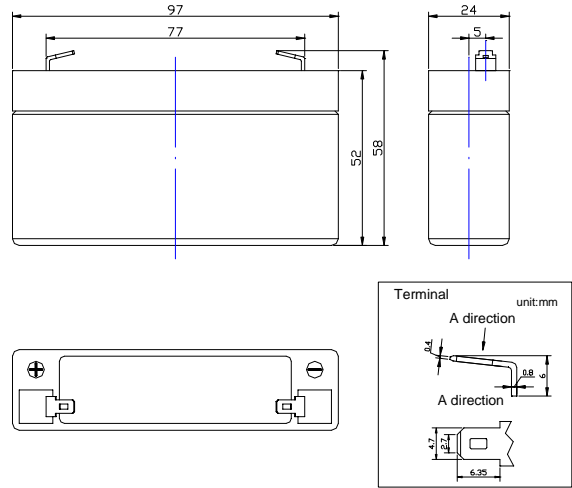


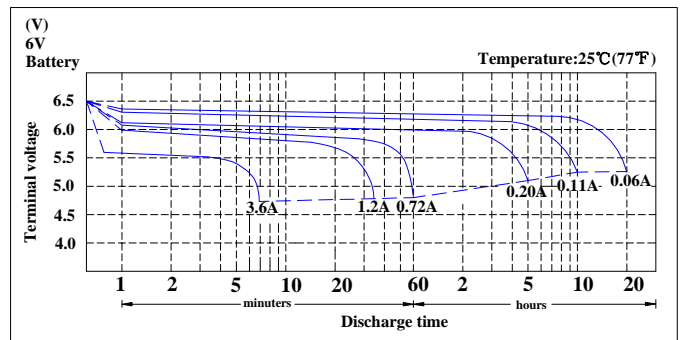
# □ HGL1.2-6



## Specifications

Nominal Voltage		6V
Rated Capacity (20 hour rate)		1.2AH
Dimension	Total Height (with terminals)	58mm(2.28inches)
	Height	52mm(2.05inches)
	Length	97mm(3.82inches)
	Width	24mm(0.94inches)
Weight		Approx.0.31kg (0.68lbs)

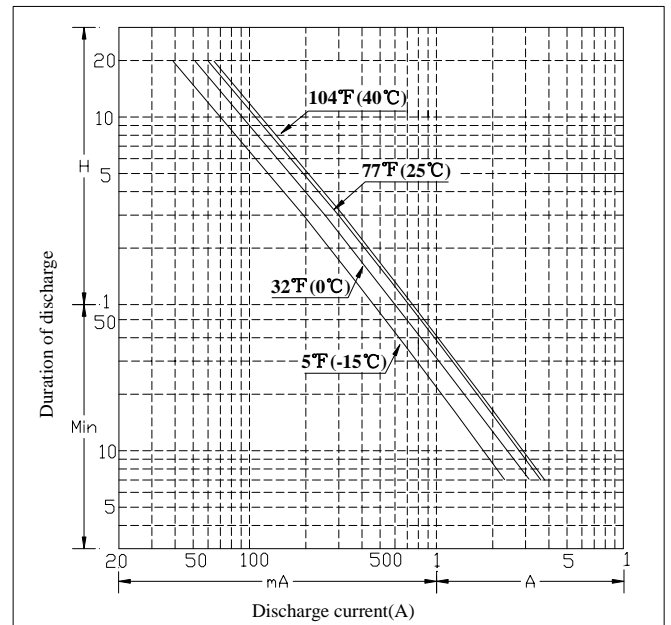
## Discharge characteristics 77°F (25°C)



## Characteristics

Capacity 77°F (25°C)	20 hour rate (60mA to 5.25Volts)	1.2AH
	10 hour rate (110mA to 5.25Volts)	1.1AH
	5 hour rate (200mA to 5.1Volts)	1.0AH
	1 hour rate (720mA to 4.8Volts)	0.72AH
Internal Resistance	Full charged 77°F (25°C)	39m Ω
Standard Terminal	F1	
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)	18A (5s)	
Maximum Charge Current(A)	240mA	
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	1.96	1.19	0.85	0.69	0.39	0.29	0.20	0.137	0.112	0.095	0.060

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