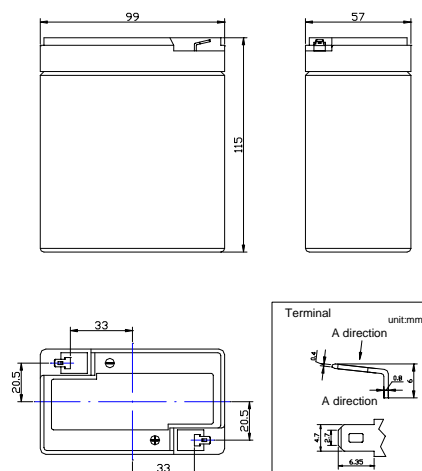


HGL8-6



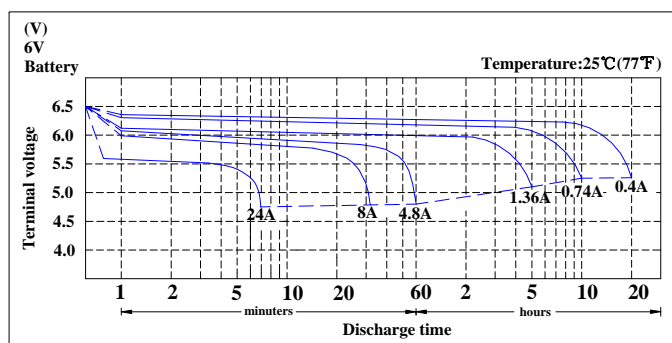
Specifications

Nominal Voltage		6V
Rated Capacity (20 hour rate)		8AH
Dimension	Total Height (with terminals)	115mm(4.53inches)
	Height	115mm(4.53inches)
	Length	99mm(3.90inches)
	Width	57mm(2.24inches)
Weight		Approx. 1.69kg (3.72lbs)

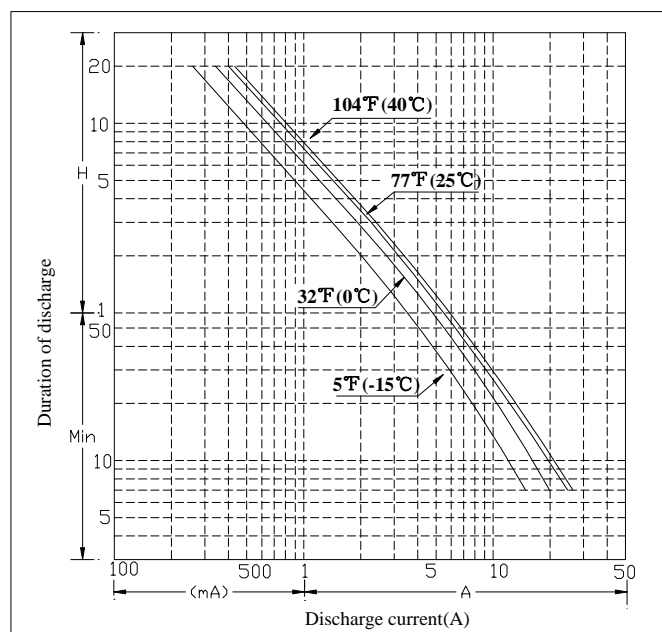
Characteristics

Capacity 77°F (25°C)	20 hour rate (400mA to 5.25Volts)	8AH
	10 hour rate (740mA to 5.25Volts)	7.4AH
	5 hour rate (1.36A to 5.1Volts)	6.8AH
	1 hour rate (4.8A to 4.8Volts)	4.8AH
Internal Resistance	Full charged 77°F (25°C)	10m 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)	120A (5s)	
Maximum Charge Current(A)	1.6A	
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
1.75V	13.08	7.90	5.69	4.61	2.63	1.96	1.36	0.910	0.744	0.633	0.400

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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HGL BATTERIES

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