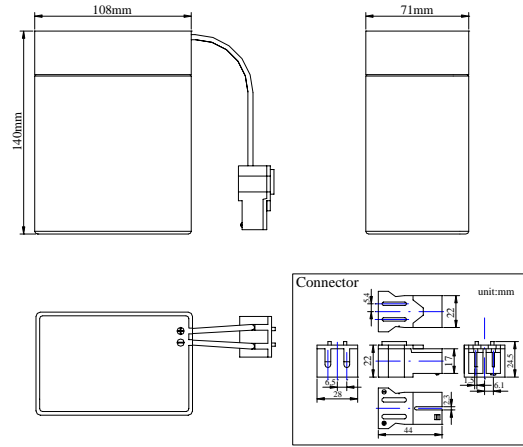


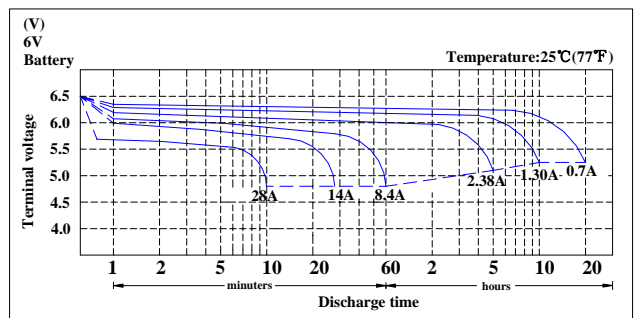
□ HGL14-6CQ



Specifications

Nominal Voltage		6V
Rated Capacity (20 hour rate)		14AH
Dimension	Total Height (with terminals)	140mm(5.51inches)
	Height	140mm(5.51inches)
	Length	108mm(4.25inches)
	Width	71mm(2.80inches)
Weight		Approx.2.38kg (5.236lbs)

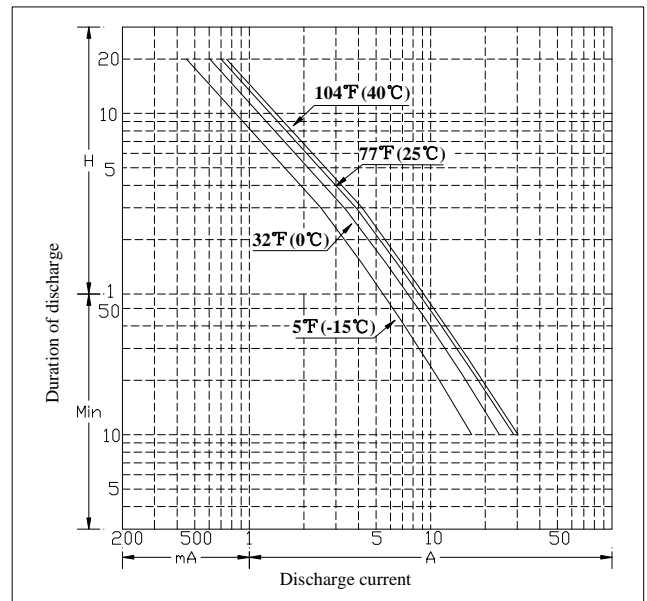
Discharge characteristics 77°F (25°C)



Characteristics

Capacity 77°F (25°C)	20 hour rate (0.7 A to 5.25Volts)	14AH
	10 hour rate (1.3A to 5.25Volts)	13AH
	5 hour rate (2.38A to 5.1Volts)	11.9AH
	1 hour rate (8.4A to 4.8Volts)	8.4AH
Internal Resistance	Full charged 77°F (25°C)	13mΩ
Standard Terminal	CQ	
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)	140A (5s)	
Maximum Charge Current(A)	2.8A	
Charging (Constant Voltage)	Cycle	7.25.V~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	30M	45M	1H	2H	3H	5H	8H	10H	12H	20H	24H
1.75V	14	10.1	8.1	4.6	3.4	2.4	1.59	1.30	1.11	0.70	0.59

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