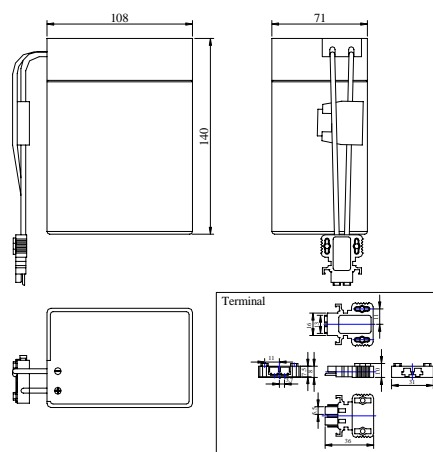


# HGL14-6TH



## 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)

## Characteristics

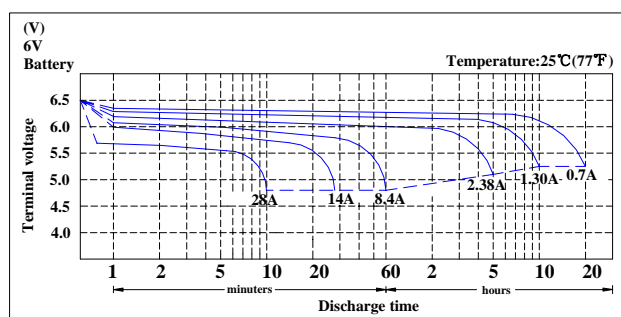
Capacity 77°F (25°C)	20 hour rate (0.7 A to 5.25Volts)	14AH
	10 hour rate (1.3A to 5.25Volts)	13AH
	5 hour rate (2.38A to 5.1Volts)	11.9AH
	1 hour rate (8.4A to 4.8Volts)	8.4AH
Internal Resistance	Full charged 77°F (25°C)	13m Ω
Standard Terminal	TH	
Capacity affected by Temperature (20 hour rate)	104°F (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	7.25V~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

## 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.

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



## Duration of discharge vs. Discharge current

