

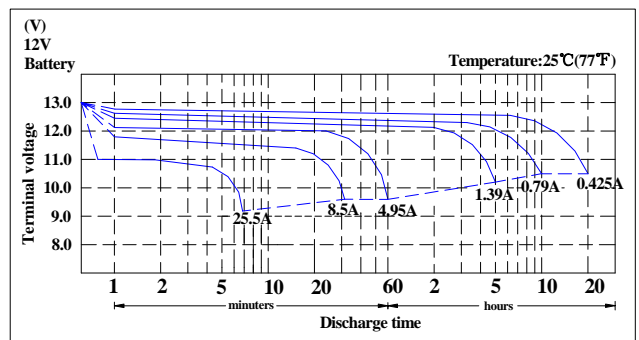
## Specifications

Nominal Voltage		12V
Rated Capacity (20 hour rate)		8.5AH
Dimension	Total Height (with terminals)	101mm(3.98inches)
	Height	95mm(3.74inches)
	Length	151mm(5.94inches)
	Width	65mm(2.56inches)
Weight		Approx.2.60kg (5.72lbs)

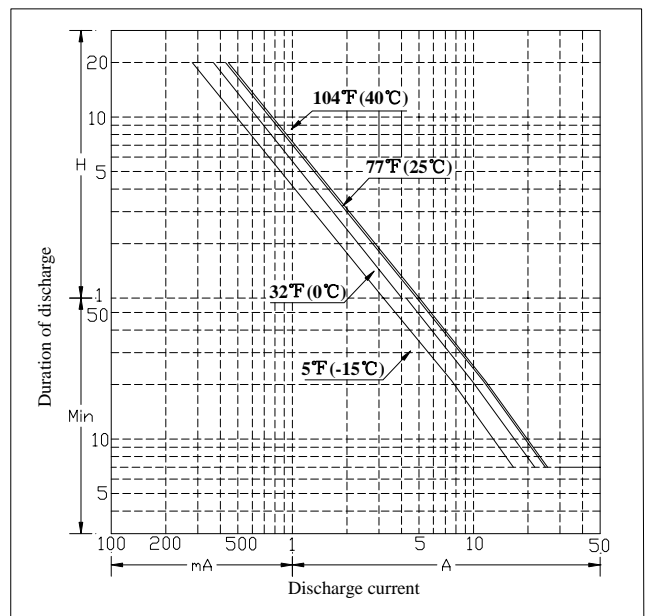
## Characteristics

Capacity 77°F (25°C)	20 hour rate (0.425A to 10.5Volts)	8.5AH
	10 hour rate (0.79A to 10.5Volts)	7.9AH
	5 hour rate (1.39A to 10.2Volts)	6.95AH
	1 hour rate (4.95A to 9.6Volts)	4.95AH
Internal Resistance	Full charged 77°F (25°C)	14m 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)	1.7A	
Charging (Constant Voltage)	Cycle	14.5V~14.9V/77°F (25°C)
	Float	13.6V~13.8V/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	60M	3H	5H	8H	10H	12H	20H
1.75V	13.4	8.0	5.6	4.66	1.92	1.33	0.93	0.79	0.644	0.425

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

FULLRIVER

HGL BATTERIES

This information is generally descriptive only and is not intended to make or imply any representation, guarantee or warranty with respect to any cells and batteries. Cell and battery designs/specification are subject to modification without notice. Contact Fullriver for the latest information.