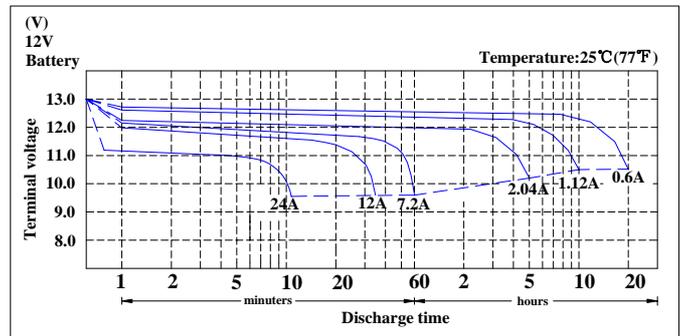


**Specifications**

Nominal Voltage		12V
Rated Capacity (20 hour rate)		12AH
Dimension	Total Height (with terminals)	101mm(3.98inches)
	Height	95mm(3.74inches)
	Length	151mm(5.94inches)
	Width	99mm(3.90 inches)
Weight		Approx.3.75kg (8.25lbs)

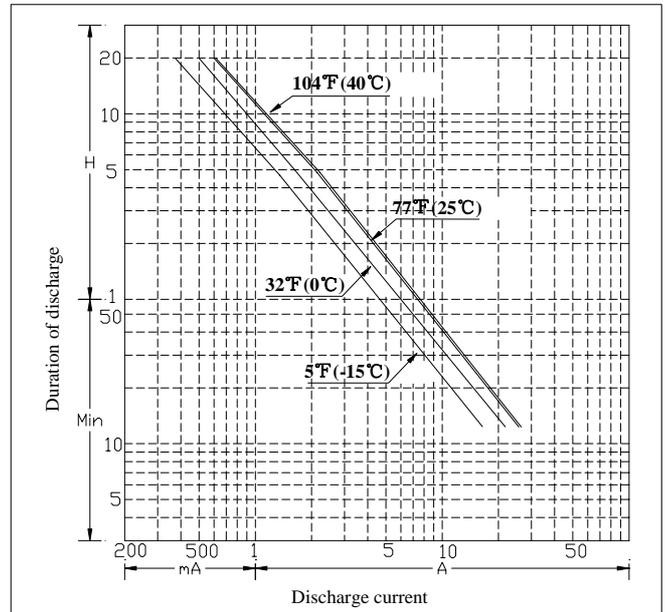
**Discharge characteristics 77°F (25°C)**



**Characteristics**

Capacity 77°F (25°C)	20 hour rate (0.6 A to 10.5Volts)	12AH
	10 hour rate (1.12A to 10.5Volts)	11.2AH
	5 hour rate (2.04A to 10.2Volts)	10.2AH
	1 hour rate (7.2A to 9.6Volts)	7.2AH
Internal Resistance	Full charged 77°F (25°C)	15m 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)	180A (5s)	
Maximum Charge Current(A)	2.4A	
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

**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	24H
1.75V	19.63	11.80	8.54	6.91	3.94	2.94	2.03	1.37	1.12	0.95	0.60	0.50

**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.