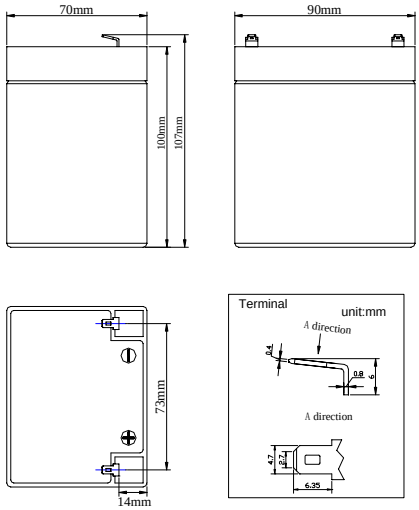
☐HGL5-12

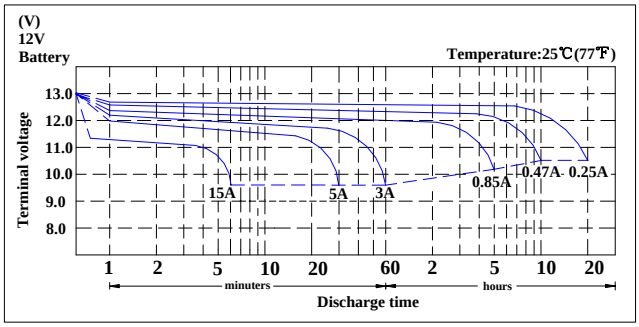




Specifications

Nominal Voltage		12V
Rated Capacity (20 hour rate)		5AH
Dimension	Total Height (with terminals)	107mm(4.21inches)
	Height	101mm(3.98inches)
	Length	90mm(3.54inches)
	Width	70mm(2.76inches)
Weight		Approx.1.48 kg (3.26Ibs)

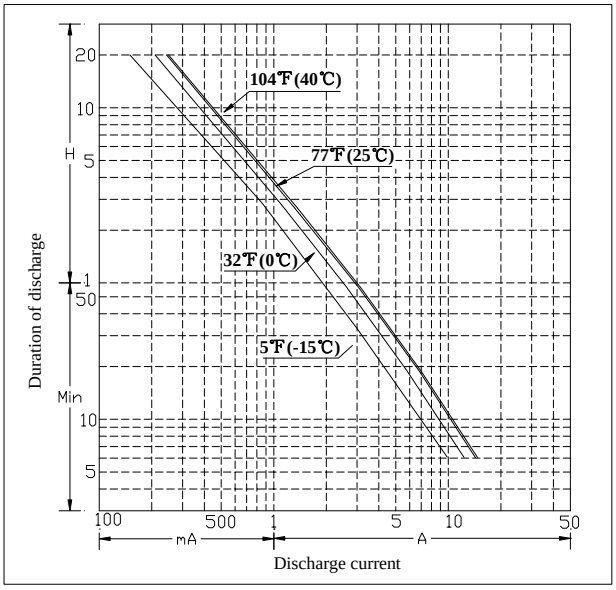
Discharge characteristics 77℉(25℃)



Characteristics

Capacity 77℉(25℃)	20 hour rate (0.25 A to 10.5Volts)	5AH
	10 hour rate (0.465A to10.5Volts)	4.65AH
	5 hour rate (0.85A to 10.2Volts)	4.25AH
	1 hour rate (3A to 9.6Volts)	3AH
Internal Resistance	Full charged 77℉(25℃)	33mΩ
Standard Terminal	F1	
Capacity affected by Temperature (20 hour rate)	104℉(40℃)	102%
	77℉(25℃)	100%
	32℉(0℃)	85%
	5℉(-15℃)	65%
Self-Discharge 77℉(25℃)	Capacity after 3 month storage	91%
	Capacity after 6 month storage	82%
	Capacity after 12 month storage	64%
Max. Discharge Current 77℉(25℃)	75A (5s)	
Maximum Charge Current(A)	1.0A	
Charging (Constant Voltage)	Cycle	14.5V～14.9V/77℉(25℃)
	Float	13.6V～13.8V/77℉(25℃)
Temperature compensation coefficient of charging voltage (mV/℃/cell)	Cycle	-4mV/°C/cell
	Float	-3mV/°C/cell

Duration of discharge vs. Discharge current



Constant Current Discharge Rating Amperes @ 77℉(25℃)

Cut off voltage V/cell	15M	30M	45M	1H	2H	3H	5H	8H	10H	12H	20H
1.75V	7.52	4.94	3.49	2.88	1.64	1.23	0.85	0.569	0.465	0.396	0.250

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

FULLRIVER HGL BATTERIES

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