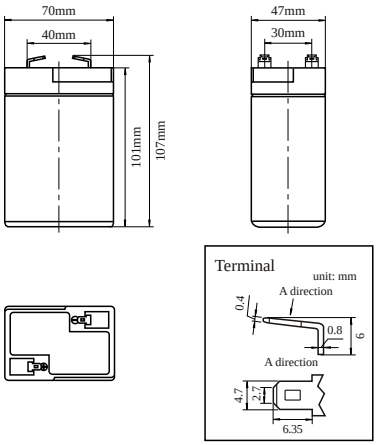
HGL5-6A



Specifications

Nominal Voltage		6V
Rated Capacity(20 hour rate)		5AH
Dimension	Total Height (with terminals)	107mm(4.21inches)
	Height	101mm(3.98inches)
	Length	70mm(2.76inches)
	Width	47mm(1.85inches)
Weight		Approx.0.93kg(2.05lbs)

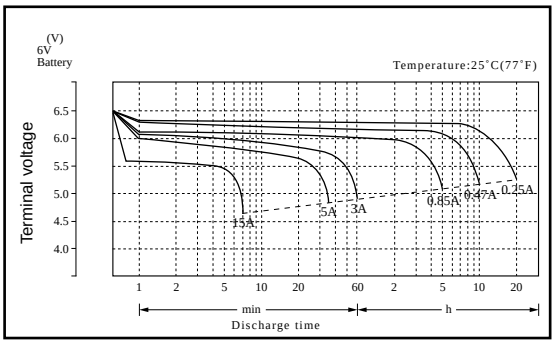
Characteristics

Capacity 77˚F(25˚C)	20 hour rate(250mA)	5AH
	10 hour rate(465mA)	4.65AH
	5 hour rate(850mA)	425AH
	1 hour rate(3A)	3AH
	15 min rate(8.76A)	2.19AH
Internal Resistance	Full charged Battery 77˚F(25˚C)	16mΩ
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)	75A(5S)	
Terminal: Standard	F1	
Terminal: Optional	F2	
Charging (Constant Voltage): Cycle	Initial Charging Current 1A Or Small 7.25V~7.45V/77˚F(25˚C)	
Charging (Constant Voltage): Float	6.8V~6.9V/77˚F(25˚C)	

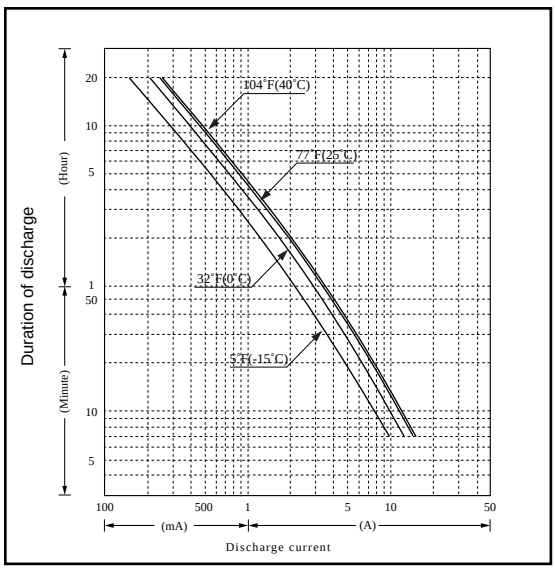
Constant Power Discharge Watts Per Cell @ 77˚F(25˚C)

Cut off voltageV/cell	5M	10M	15M	30M	40M	60M
1.50	39.1	26.4	20.1	12.3	9.9	7.1
1.60	38.0	25.6	19.5	12.0	9.5	6.9
1.67	37.3	25.1	19.1	11.8	9.4	6.8
1.70	36.8	24.8	18.8	11.5	9.3	6.6
1.75	36.0	24.3	18.5	11.4	9.0	6.5

Discharge characteristics 77˚F(25˚C)



Duration of discharge vs. Discharge current



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

FULLRIVER **HGL BATTERIES**

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