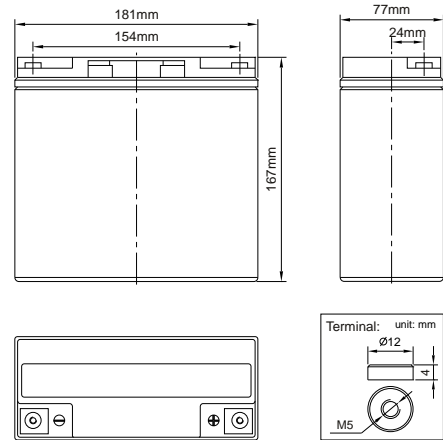


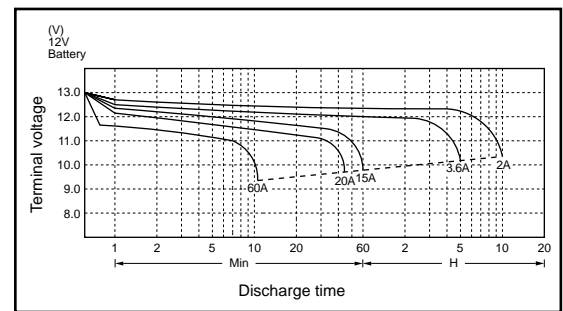
HGHL1295W



Specifications

Nominal Voltage	12V	
Capacity	95W@15 minute rate to 1.67V per cell	
	20Ah@10 hour rate to 1.75V per cell	
Dimension	Total Height (with terminals)	167mm(6.57inches)
	Height	167mm(6.57inches)
	Length	181mm(7.13inches)
	Width	77mm(3.03inches)
Weight	Approx.6.80kg(14.99lbs)	

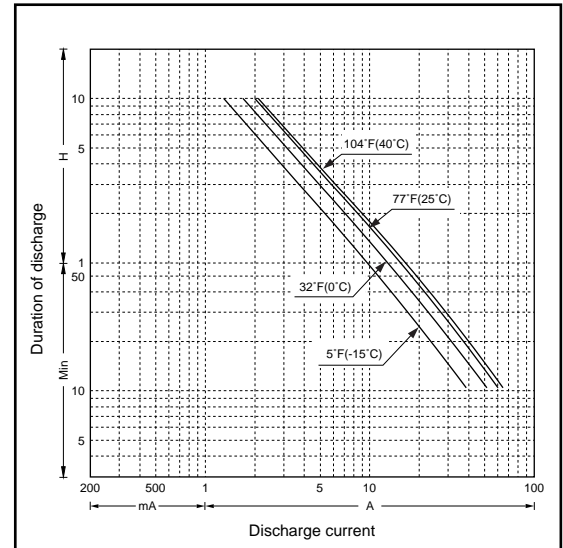
Discharge characteristics 77°F(25°C)



Characteristics

Capacity 77°F(25°C)	10 hour rate(2A)	20AH
	5 hour rate(3.6A)	18AH
	1 hour rate(15A)	15AH
Internal Resistance	Full charged Battery 77°F(25°C)	10mΩ
Capacity affected by Temperature (10 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	88%
	Capacity after 6 month storage	76%
	Capacity after 12 month storage	53%
Max. Discharge Current 77°F(25°C)	300A(5S)	
Terminal	Standard	F12
	Optional	
Charging (Constant Voltage)	Cycle	Initial Charging Current 4A Or Small 14.5V~14.9V/77°F(25°C)
	Float	13.6V~13.8V/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.

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

Cut off voltage V/cell	5min	10min	15min	20min	30min	40min	50min	60min
1.75V	170	115	90.0	74.0	54.0	44.0	35.5	31.5
1.70V	180	120	92.0	74.5	54.5	44.5	35.8	31.8
1.67V	185	125	95.0	75.0	55.0	45.0	36.0	32.0
1.60V	190	127	95.5	75.5	55.5	45.3	36.3	32.3
1.50V	195	130	96.0	76.0	56.0	45.6	36.6	32.6

FULLRIVER

HGHL 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/specifications are subject to modification without notice. Contact Fullriver for the latest information.