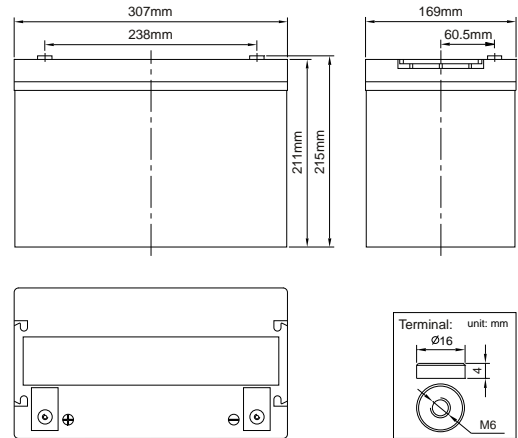


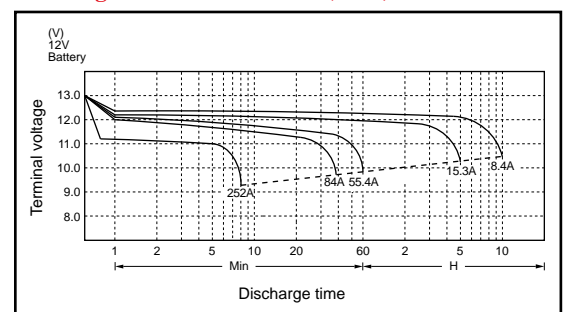
HGHL12330W



Specifications

Nominal Voltage	12V	
Capacity	330W@15 minute rate to 1.67V per cell	
	84Ah@10 hour rate to 1.75V per cell	
Dimension	Total Height (with terminals)	215mm(8.46inches)
	Height	211mm(8.31inches)
	Length	307mm(12.09inches)
	Width	169mm(6.65inches)
Weight	Approx.30.6kg(67.46lbs)	

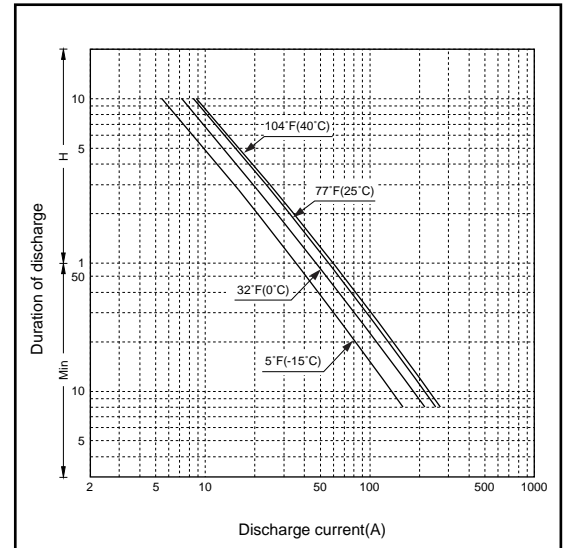
Discharge characteristics 77°F(25°C)



Characteristics

Capacity 77°F(25°C)	10 hour rate(8.4A)	84AH
	5 hour rate(15.3A)	76.5AH
	1 hour rate(55.4A)	55.4AH
Internal Resistance	Full charged Battery 77°F(25°C)	4mΩ
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)	1260A(5S)	
Terminal	Standard	F15
	Optional	
Charging (Constant Voltage)	Cycle	Initial Charging Current 16.8A 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



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

Cut off voltageV/cell	5min	10min	15min	20min	30min	45min	60min
1.75	560	394	308	255	192	142	113
1.70	605	417	323	266	199	146	116
1.67	628	428	330	271	202	148	117
1.65	641	434	334	274	204	149	118
1.63	653	439	337	276	205	149	118
1.60	668	445	340	278	206	150	119

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