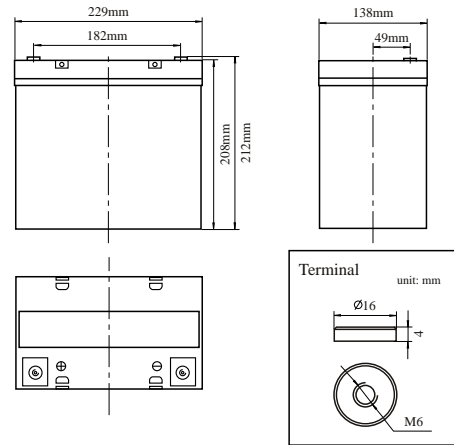


HGL60-12



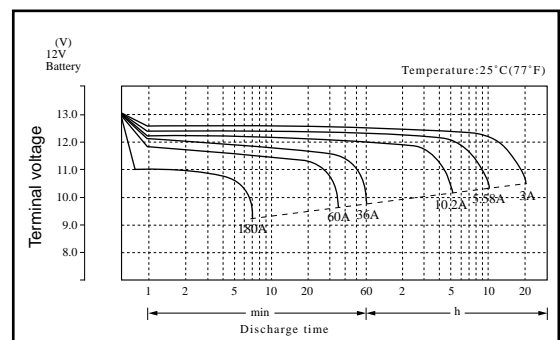
Specifications

Nominal Voltage		12V
Rated Capacity(20 hour rate)		60AH
Dimension	Total Height (with terminals)	212mm(8.35inches)
	Height	208mm(8.19inches)
	Length	229mm(9.02inches)
	Width	138mm(5.43inches)
Weight		Approx.18.3kg(40.34lbs)

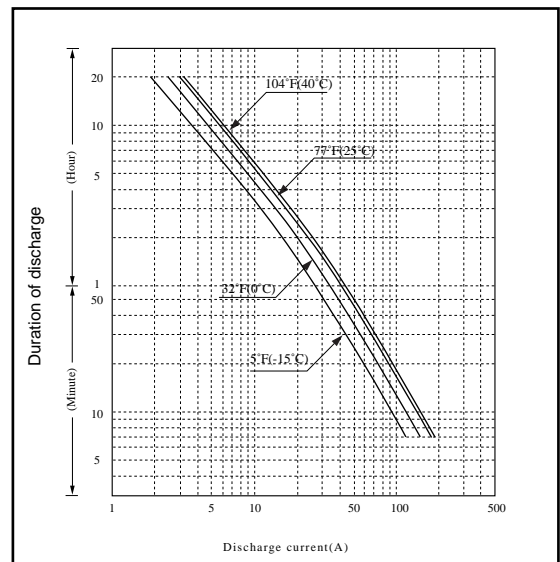
Characteristics

Capacity 77°F(25°C)	20 hour rate(3A)	60AH
	10 hour rate(5.58A)	55.8AH
	5 hour rate(10.2A)	51AH
	1 hour rate(36A)	36AH
	15 min rate(105.2A)	26.3AH
Internal Resistance	Full charged Battery 77°F(25°C)	8mΩ
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)	900A(5S)	
Terminal	Standard	F15
	Optional	
Charging (Constant Voltage)	Cycle	Initial Charging Current 12A Or Small 14.5~14.9V/77°F(25°C)
	Float	13.6~13.8V/77°F(25°C)

Discharge characteristics 77°F(25°C)



Duration of discharge vs. Discharge current



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

Cut off voltage V/cell	5M	10M	15M	30M	45M	1H	2H	3H	5H	8H	10H	12H	24H
1.60	390	275	220	131	95.5	75.8	44.0	30.8	20.6	13.4	11.1	9.63	4.94
1.65	384	273	217	130	94.6	75.0	43.6	30.4	20.6	13.4	11.1	9.63	4.94
1.67	379	270	215	129	93.6	74.4	43.3	30.2	20.6	13.4	11.1	9.63	4.94
1.70	369	264	208	126	91.6	73.5	42.9	29.9	20.6	13.4	11.1	9.63	4.94
1.75	355	254	200	122	89.5	72.3	42.4	29.5	20.3	13.2	11.0	9.63	4.94
1.80	343	245	192	118	87.5	71.0	41.8	29.2	20.0	13.0	10.9	9.52	4.94

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