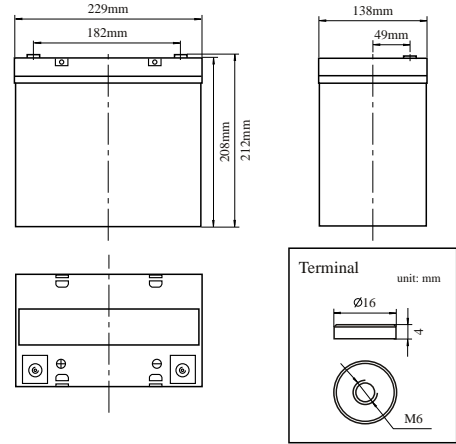


HGL55-12



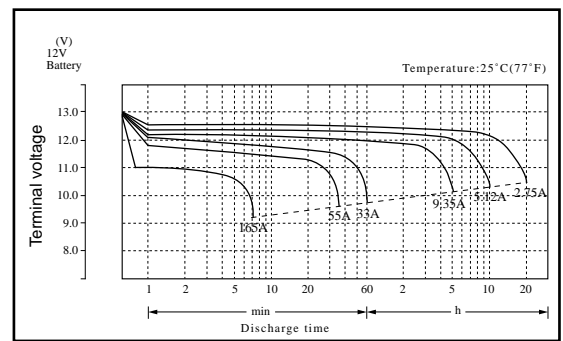
Specifications

Nominal Voltage		12V
Rated Capacity(20 hour rate)		55AH
Dimension	Total Height (with terminals)	212mm(8.35inches)
	Height	208mm(8.19inches)
	Length	229mm(9.02inches)
	Width	138mm(5.43inches)
Weight		Approx. 18.0kg(39.68lbs)

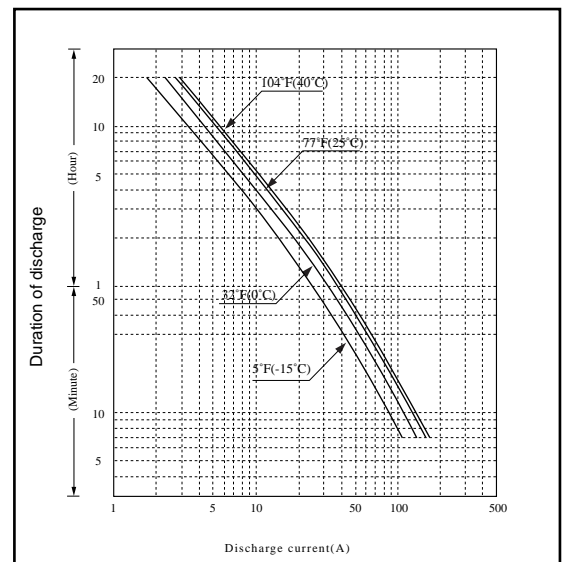
Characteristics

Capacity 77°F(25°C)	20 hour rate(2.75A)	55AH
	10 hour rate(5.12A)	51.2AH
	5 hour rate(9.36A)	46.8AH
	1 hour rate(33A)	33AH
	15 min rate(96.4A)	24.1AH
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%
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)		825A(5S)
Terminal	Standard	F15
	Optional	
Charging (Constant Voltage)	Cycle	Initial Charging Current 11A 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	374	264	210	125	91.5	72.8	42.3	29.6	19.8	12.8	10.7	9.23	4.74
1.65	369	261	208	125	90.6	72.0	41.9	29.2	19.8	12.8	10.7	9.23	4.74
1.67	364	259	205	123	89.7	71.5	41.6	29.0	19.8	12.8	10.7	9.23	4.74
1.70	355	253	200	120	87.8	70.6	41.2	28.7	19.8	12.8	10.7	9.23	4.74
1.75	342	244	192	116	85.8	69.4	40.7	28.4	19.5	12.7	10.6	9.23	4.74
1.80	330	235	184	113	83.9	68.2	40.1	28.1	19.3	12.5	10.4	9.13	4.74

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