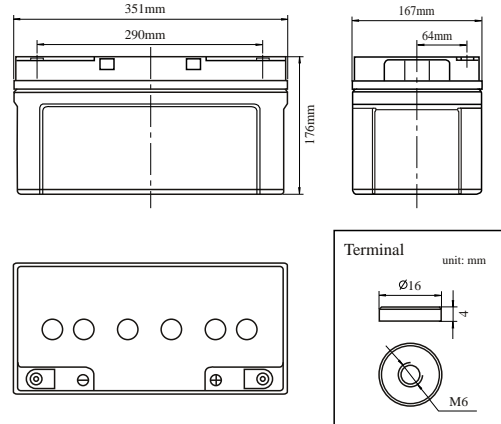


HGL70-12A



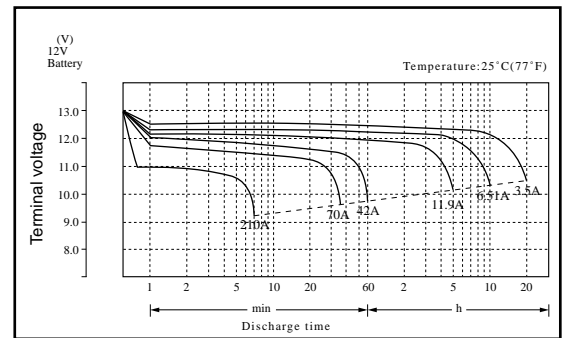
Specifications

Nominal Voltage		12V
Rated Capacity(20 hour rate)		70AH
Dimension	Total Height (with terminals)	176mm(6.93inches)
	Height	176mm(6.93inches)
	Length	351mm(13.82inches)
	Width	167mm(6.57inches)
Weight		Approx. 24.6kg(54.23lbs)

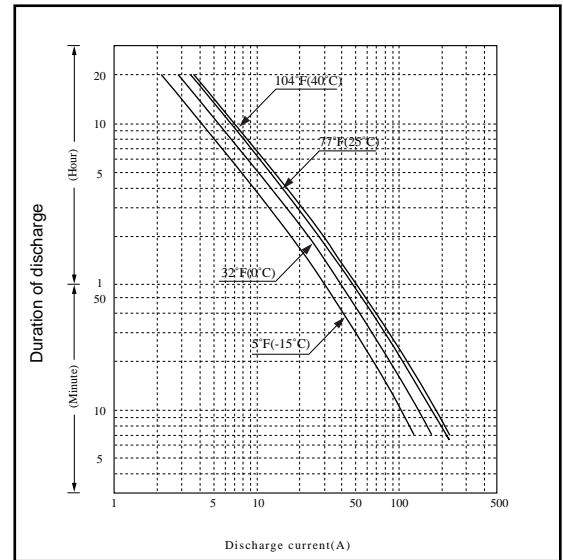
Characteristics

Capacity 77°F(25°C)	20 hour rate(3.5A)	70AH
	10 hour rate(6.51A)	65.1AH
	5 hour rate(11.9A)	59.5AH
	1 hour rate(42A)	42AH
	15 min rate(122.4A)	30.6AH
Internal Resistance	Full charged Battery 77°F(25°C)	6mΩ
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)		1050A(5S)
Terminal	Standard	F15
	Optional	
Charging (Constant Voltage)	Cycle	Initial Charging Current 14A Or Small 14.5V~14.9V/77°F(25°C)
	Float	13.6V~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	484	348	278	167	120	93.9	54.6	38.1	25.6	16.7	14.0	12.1	6.22
1.65	476	344	275	165	119	93.0	54.2	37.8	25.6	16.7	14.0	12.1	6.22
1.67	470	341	270	164	118	92.3	53.9	37.5	25.6	16.7	14.0	12.1	6.22
1.70	457	331	261	159	115	91.4	53.5	37.1	25.6	16.7	14.0	12.1	6.22
1.75	438	318	251	154	113	89.9	53.0	36.7	25.2	16.5	13.9	12.1	6.22
1.80	420	305	240	148	110	88.4	52.4	36.3	24.9	16.2	13.6	11.9	6.22

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