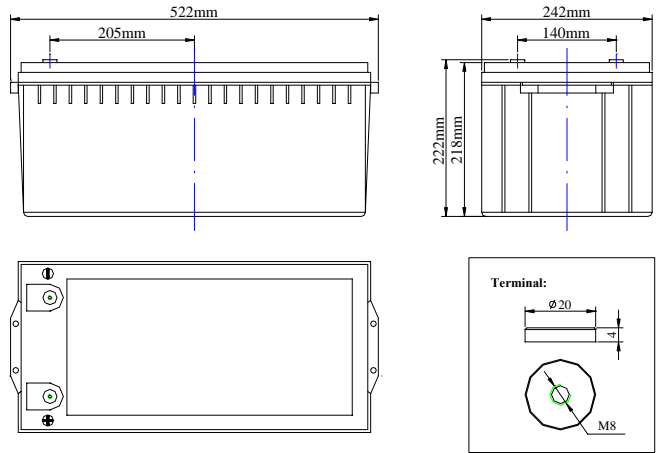


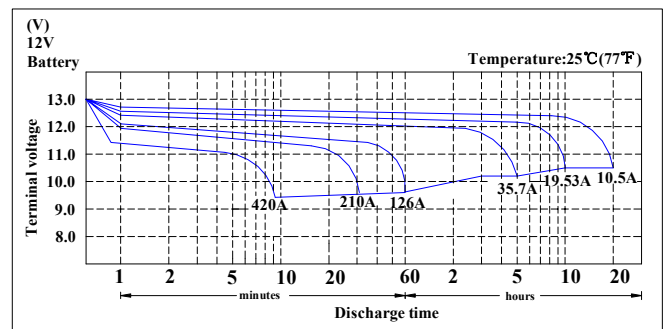
# □ HGL210-12



## Specifications

Nominal Voltage		12V
Rated Capacity (20 hour rate)		210AH
Dimension	Total Height (with terminals)	243mm(9.57inches)
	Height	218mm(8.58inches)
	Length	522mm(20.55inches)
	Width	242mm(9.53 inches)
Weight		Approx 61.0kg ( 134.2lbs)

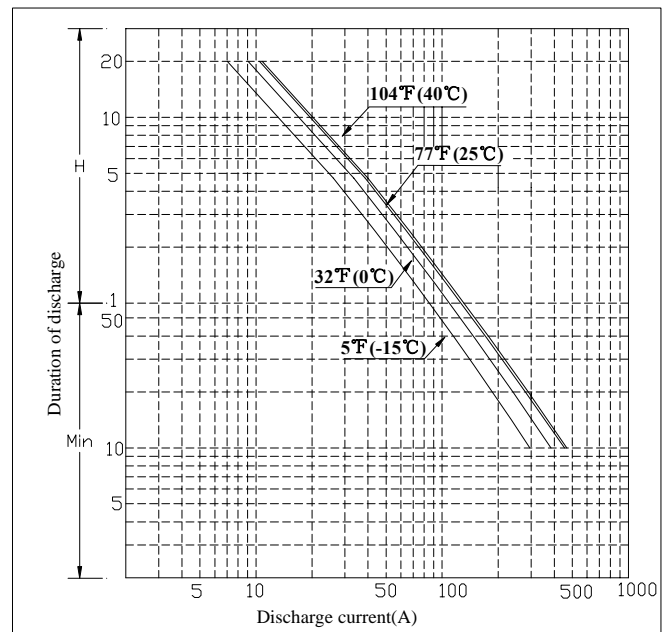
## Discharge characteristics 77°F (25°C)



## Characteristics

Capacity 77°F (25°C)	20 hour rate (10.5A to 10.5Volts)	210AH
	10 hour rate (19.5A to 10.5Volts)	195AH
	5 hour rate (35.7A to 10.2Volts)	178.5AH
	1 hour rate (126A to 9.6Volts)	126AH
Internal Resistance	Full charged 77°F (25°C)	2mΩ
Standard Terminal	M8	
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)	2000A (5s)	
Maximum Charge Current(A)	42A	
Charging (Constant Voltage)	Cycle	14.5V~14.9V/77°F (25°C)
	Float	13.6V~13.8V/77°F (25°C)
Temperature compensation coefficient	Cycle	-4mV/°C/cell
	Float	-3mV/°C/cell

## Duration of discharge vs. Discharge current



## Constant Current Discharge Rating Amperes @ 77°F (25°C)

Cut off voltage V/cell	15M	30M	45M	1H	2H	3H	5H	8H	10H	12H	20H	24H
1.75V	323	205	149	121.0	68.9	51.5	35.6	23.89	19.53	16.63	10.50	8.79

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