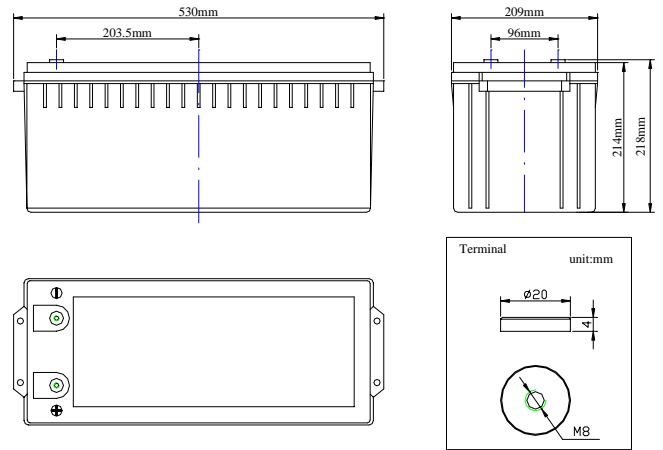


□ HGL180-12



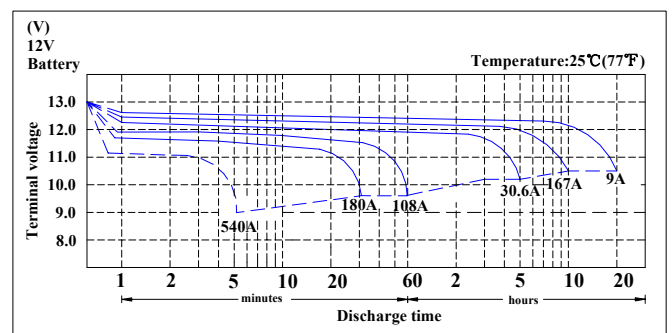
Specifications

Nominal Voltage		12V
Rated Capacity (20 hour rate)		180AH
Dimension	Total Height (with terminals)	218mm(8.58inches)
	Height	214mm(8.43inches)
	Length	530mm(20.87inches)
	Width	209mm(8.23inches)
Weight		Approx.55.3kg (121.66lbs)

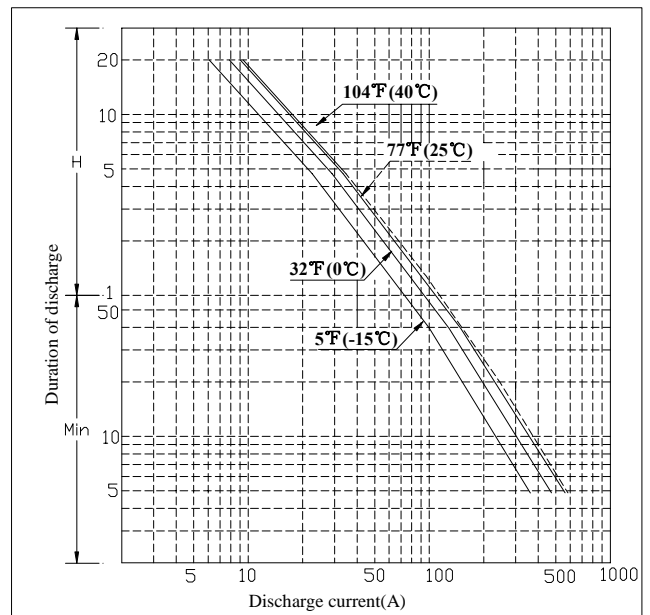
Characteristics

Capacity 77°F (25°C)	20 hour rate (9A to 10.5Volts)	180AH
	10 hour rate (16.7A to 10.5Volts)	167AH
	5 hour rate (30.6A to 10.2Volts)	153AH
	1 hour rate (108A to 9.6Volts)	108AH
Internal Resistance	Full charged 77°F (25°C)	2.3mΩ
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)	36A	
Charging (Constant Voltage)	Cycle	14.5V~14.9V/77°F (25°C)
	Float	13.6V~13.8V/77°F (25°C)
Temperature compensation coefficient of charging voltage (mV/ C/cell)	Cycle	-4mV/°C/cell
	Float	-3mV/°C/cell

Discharge characteristics 77°F (25°C)



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	260	178.1	133.5	102.5	57.9	44.1	29.98	20.47	16.74	14.4	9.0	7.542

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

FULLRIVER

HGL BATTERIES

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