

□ HGL120-12B



Specifications

Nominal Voltage		12V
Rated Capacity (20 hour rate)		120AH
Dimension	Total Height (with terminals)	218mm(8.58inches)
	Height	214mm(8.43 inches)
	Length	331mm(13.03inches)
	Width	175mm(6.89inches)
Weight		Approx.32.0kg (70.40lbs)

Characteristics

Capacity 77°F (25°C)	10 hour rate (11.2 to 10.5Volts)	112AH
	5 hour rate (20.4A to 10.2Volts)	102AH
	1 hour rate (72A to 9.6Volts)	72AH
Internal Resistance	Full charged 77°F (25°C)	3.8mΩ
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)	1200A (5s)	
Cranking Performance	CCA (0°F)	720A
	CA (32°F)	860A
Charging (Constant Voltage)	Cycle	Max Initial Charging Current 0.2C20 14.5V~14.9V/77°F (25°C)
	Float	13.5V~13.8V/77°F (25°C)
Temperature compensation coefficient of charging voltage (mV/°C/cell)	Cycle	-4mV/ °C/cell
	Float	-3mV/ °C/cell

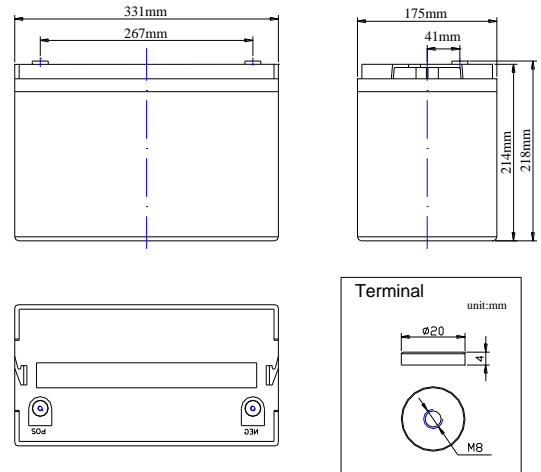
Constant Current Discharge Rating Amperes @ 77°F (25°C)

Cut off voltage V/cell	15M	30M	45M	1H	2H	3H	5H	8H	10H	12H	20H	24H
1.75V	179	100.3	86.3	68.2	40.2	29.2	19.98	13.65	11.16	9.6	6.0	5.03

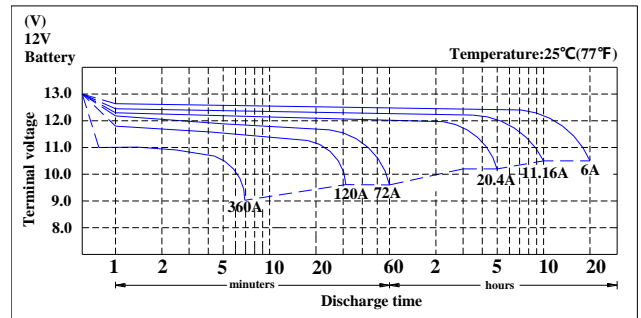
Note The above data are average values, and can be obtained with 3 charge/discharge cycles. These are not minimum values.

This information is generally descriptive only and is not intended to make or imply any representation, guarantee or warranty with respect to any cells and batteries. Cell and battery designs/specification are subject to modification without notice. Contact Fullriver for the latest information.

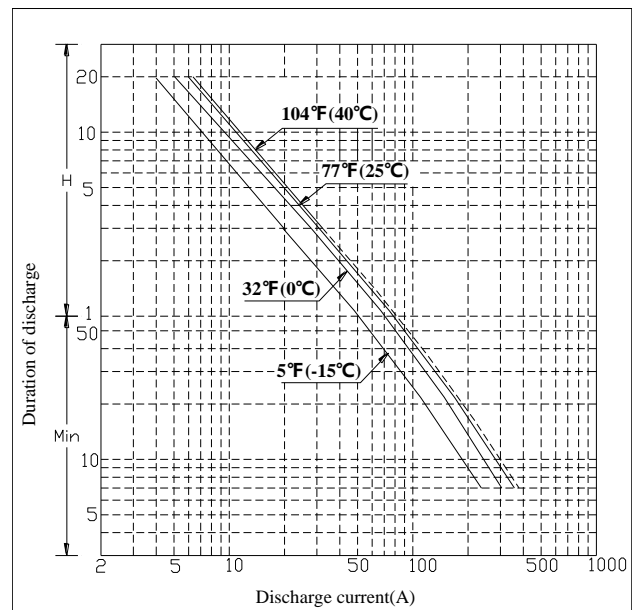
Nominal Technical Specifications



Discharge characteristics 77 °F (25 °C)



Duration of discharge vs. Discharge current



Application

Telecom systems, Fire & alarm systems,
Emergency systems, Power grid, Medical equipment,
UPS/EPS, Solar inverters/controllers, etc.

Two Great Stores to choose from...

7 Cemetery Rd,
Mackay QLD 4740

Phone 07 4957 6123

Unit 16, 547 Woolcock St,
Mt Louisa, Townsville QLD 4814

Phone 07 4774 7344