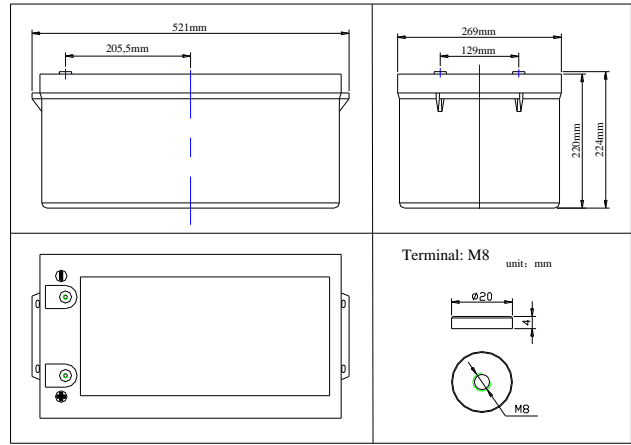


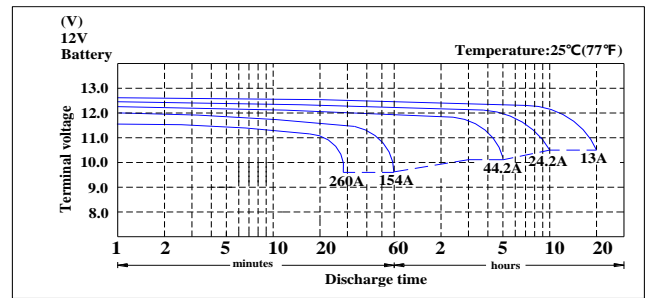
□ HGL260-12



Specifications

Nominal Voltage		12V
Rated Capacity(20 hour rate)		260Ah
Dimension	Total Height (with terminals)	224mm(8.82inches)
	Height	220mm(8.66inches)
	Length	521mm(20.51inches)
	Width	269mm(10.59inches)
Weight	Approx.75.2kg (165.79lbs)	

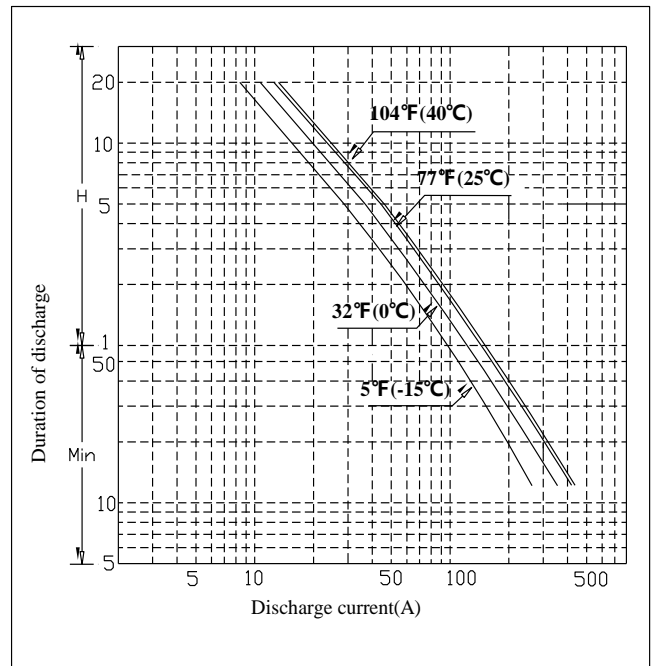
Discharge characteristics 77°F (25°C)



Characteristics

Capacity 77°F (25°C)	10 hour rate (24.2A to 10.5Volts)	241.8AH
	5 hour rate (44.2A to 10.2Volts)	221AH
	1 hour rate (154A to 9.6Volts)	154AH
Internal Resistance	Full charged 77°F (25°C)	1.8mΩ
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)	2000A (5s)	
Cranking Performance	CCA (0°F)	1240A
	CA (32°F)	1470A
Charging (Constant Voltage)	Cycle	Initial Charging Current $\leq 0.2 \times C20$ 14.4V~14.9V/77°F (25°C)
	Float	13.5V~13.8V/77°F (25°C)
Temperature compensation coefficient	Cycle	-4mV/°C/cell
	Float	-3mV/°C/cell

Duration of discharge vs. Discharge current



Application

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

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

Cut off voltage V/cell	30M	45M	1H	2H	3H	5H	8H	10H	12H	20H	24H
1.75V	240	185	144.4	85.4	63.8	43.0	29.6	24.2	20.9	13.0	10.8

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

HGL BATTERIES

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.

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