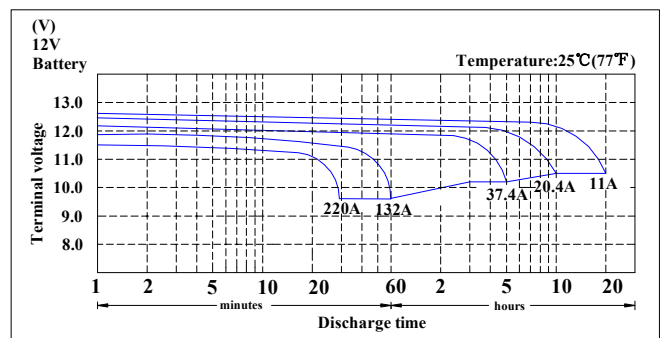


Specifications

Nominal Voltage		12V
Rated Capacity (20 hour rate)		220AH
Dimension	Total Height (with terminals)	208mm(8.19inches)
	Height	204mm(8.03inches)
	Length	520mm(20.47inches)
	Width	269mm(10.59inches)
Weight		Approx.70.2kg (154.44lbs)

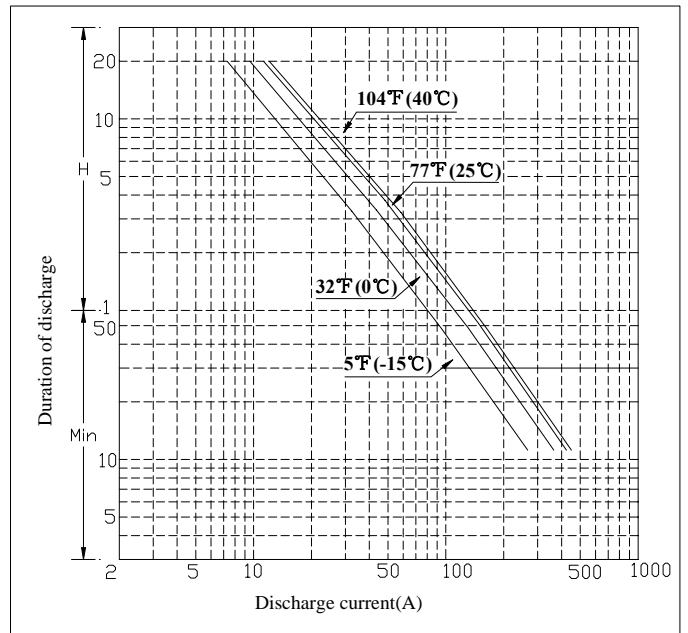
Discharge characteristics 77°F (25°C)



Characteristics

Capacity 77°F (25°C)	20 hour rate (11A to 10.5Volts)	220AH
	5 hour rate (37.4A to 10.2Volts)	187AH
	1 hour rate (132A to 9.6Volts)	132AH
Internal Resistance	Full charged Battery 77°F (25°C)	1.5mΩ
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	88%
	Capacity after 6 month storage	76%
	Capacity after 12 month storage	53%
Max. Discharge Current 77°F (25°C)	2000A (5s)	
Reserve Capacity (Minutes to 10.5V at 80°F (27°C))	@ 25Amps	460Min
	@ 75Amps	115Min
Charging (Constant Voltage)	Cycle	Initial Charging Current 44A Or Small 14.5V~14.9V/77°F (25°C)
	Float	13.6V~13.8V/77°F (25°C)

Duration of discharge vs. Discharge current



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

Cut off voltage V/cell	30M	45M	1H	2H	3H	5H	8H	10H	12H	24H
1.70V	215.3	156.8	124.3	72.1	54.52	37.06	25.15	20.52	17.47	11.03
1.75V	209.0	153.8	122.5	71.1	53.90	36.65	25.03	20.46	17.42	11.00

FULLRIVER HL 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.