

# ZL120190



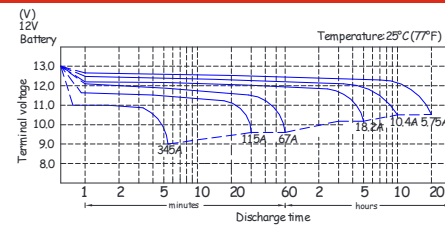
## Constant Current Discharge Rating Amperes @ 25°C (77°F)

Cut off voltage V/cell	30M	45M	1H	2H	3H	5H	8H	10H	12H	20H	24H
1.75V	104.5	75.3	62.1	33.0	27	17.5	11.9	10.4	8.8	5.8	4.8

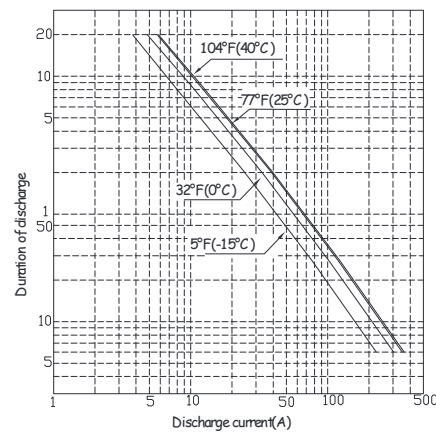
## Specifications

Nominal Voltage		12V
Rated Capacity (20 hour rate)		115Ah
Dimension	Total Height (with terminals)	218mm (8.58 inches)
	Height	214mm (8.43 inches)
	Length	331mm (13.03 inches)
	Width	175mm (6.89 inches)
Weight		Approx. 32.9kg (72.38lbs)

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

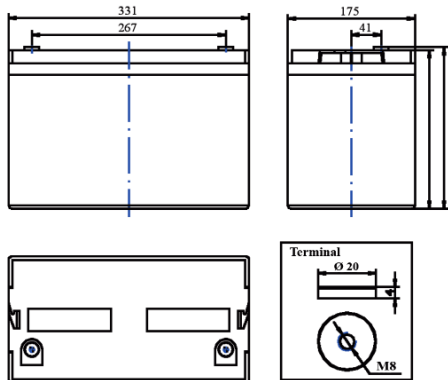


## Duration of discharge vs. Discharge current



## Characteristics

Capacity 25°C (77°F)	20 hour rate (5.75A to 10.5Volts) 10 hour rate (10.4A to 10.5Volts) 5 hour rate (18.2A to 10.2Volts)	115AH 104AH 91AH
Internal Resistance	Full charged Battery 25°C (77°F)	3.8mΩ
Capacity affected by Temperature (20 hour rate)	40°C (104°F) 25°C (77°F) 0°C (32°F) -15°C (5°F)	102% 100% 85% 65%
Self-Discharge 25°C (77°F)	Capacity after 3 month storage Capacity after 6 month storage Capacity after 12 month storage	91% 82% 64%
Standard Terminal	M8	
Max. Discharge Current 25°C (77°F)	1100A (5s)	
Cranking Performance	Cranking Amps (30-sec amps to 7.2V @ 0°C (32°F)) Cold Cranking Amps (30-sec amps to 7.2V @ -18°C (0°F))	720A 605A
Reserve Capacity (Minutes to 10.5V at 27°C (80°F))	@25Amps @75Amps	200Min 45Min
Charging (Constant Voltage)	Cycle Initial Charging Current 22A Or Small 14.5V~14.9V/ 25°C (77°F) Float 13.6V~13.8V/ 25°C (77°F)	



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