

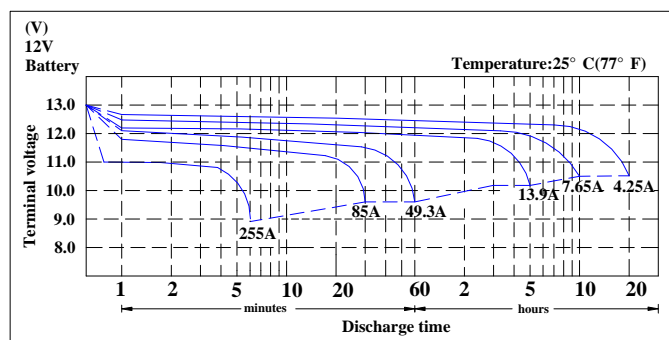
## Specifications

Nominal Voltage		12V
Rated Capacity (20 hour rate)		85AH
Dimension	Total Height (with terminals)	215mm(8.46 inches)
	Height	211mm(8.31 inches)
	Length	260mm(10.24inches)
	Width	169mm(6.65inches)
Weight		Approx.25.1kg (55.34lbs)

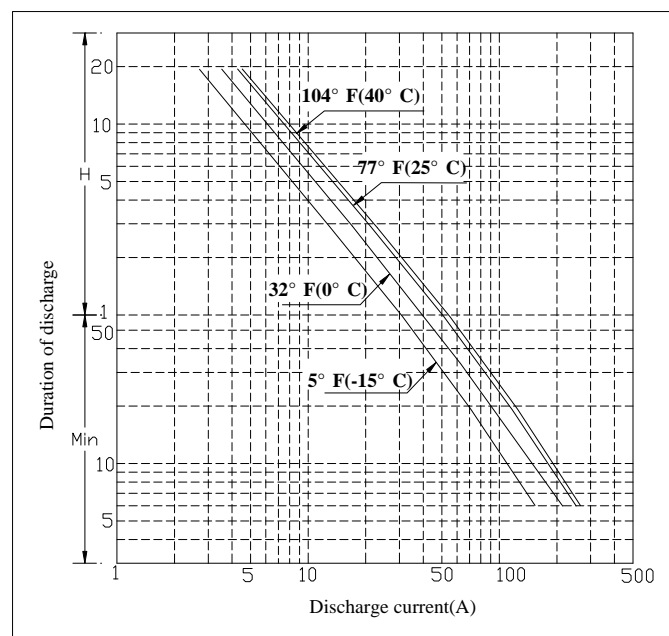
## Characteristics

Capacity 77°F (25°C)		20 hour rate (4.25A to 10.5Volts)	85AH
		10 hour rate (7.65A to 10.5Volts)	76.5AH
		5 hour rate (13.9A to 10.2Volts)	69.5AH
Internal Resistance		Full charged Battery 77°F (25°C)	5.3m Ω
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%
Standard Terminal		M6	
Max. Discharge Current 77°F (25°C)		1000A (5s)	
Cranking Performance		Cranking Amps (30-sec amps to 7.2V @ 32° F (0° C)	600A
		Cold Cranking Amps (30-sec amps to 7.2V @ 0° F (-18° C)	510A
Reserve Capacity (Minutes to 10.5V at 80°F (27°C)		@ 25Amps	145Min
		@ 75Amps	34Min
Charging (Constant Voltage)	Cycle	Initial Charging Current 17A Or Small 14.5V~14.9V/77°F (25°C)	
	Float	13.6V~13.8V/77°F (25°C)	

## 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	123	79	58	48.3	25.6	19.2	13.5	9.2	7.65	6.52	4.25	3.56