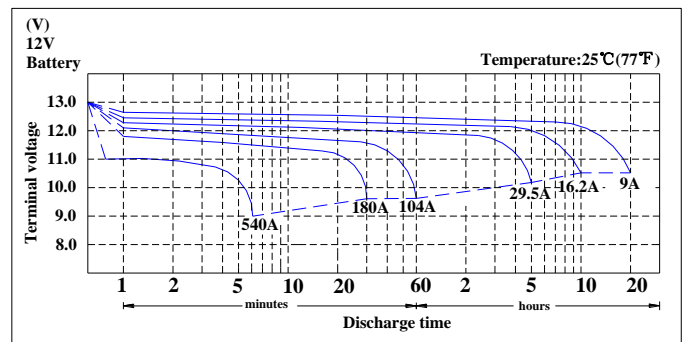


**Specifications**

Nominal Voltage		12V
Rated Capacity (20 hour rate)		180AH
Dimension	Total Height (with terminals)	218mm(8.58inches)
	Height	214mm(8.43inches)
	Length	530mm(20.87inches)
	Width	209mm(8.23inches)
Weight		Approx.57.8kg (127.4lbs)

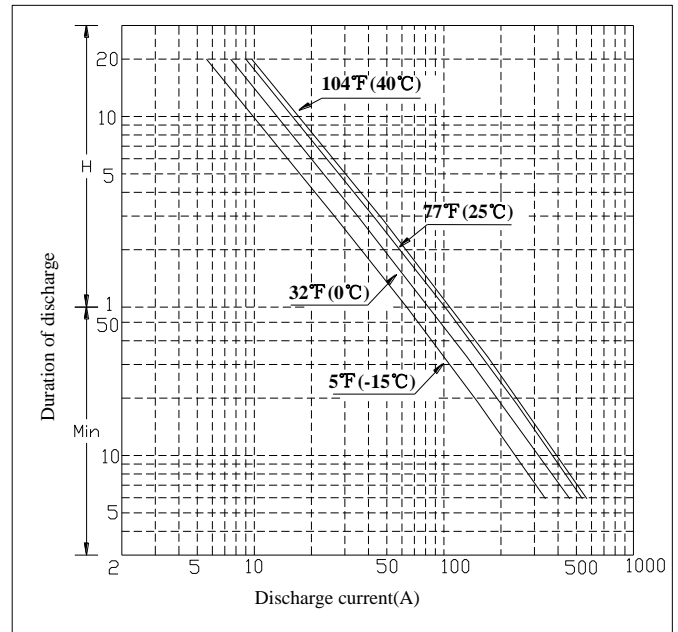
**Discharge characteristics 77°F (25°C)**



**Characteristics**

Capacity 77°F (25°C)	20 hour rate (9.0A to 10.5Volts)	180AH	
	10 hour rate (16.2A to 10.5Volts)	162AH	
	5 hour rate (29.5A to 10.2Volts)	147.5AH	
Internal Resistance	Full charged 77°F (25°C)	2.3mΩ	
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	M8		
Max. Discharge Current 77°F (25°C)	1800A (5s)		
Reserve Capacity (Minutes to 10.5V at 80°F (27°C))			
		@ 25Amps	350Min
		@ 75Amps	85Min
Charging (Constant Voltage)	Cycle	Initial Charging Current 36A 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	20H	24H
1.75V	168	124	102.3	54.2	40.7	28.6	19.6	16.20	13.80	9.00	7.53