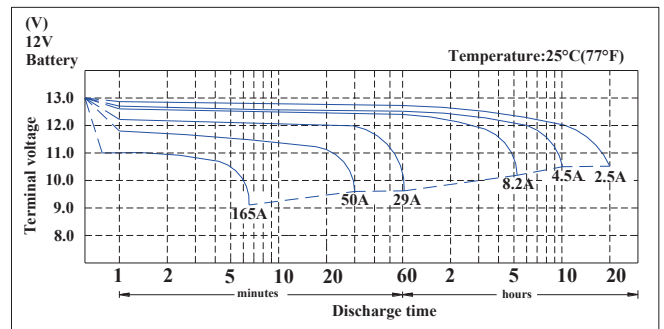


Specifications

Nominal Voltage		12V
Rated Capacity (20 hour rate)		50AH
Dimension	Total Height (with terminals)	190mm(7.48inches)
	Height	190mm(7.48inches)
	Length	241mm(9.49inches)
	Width	175mm(6.89inches)
Weight		Approx.18.5kg (40.79lbs)

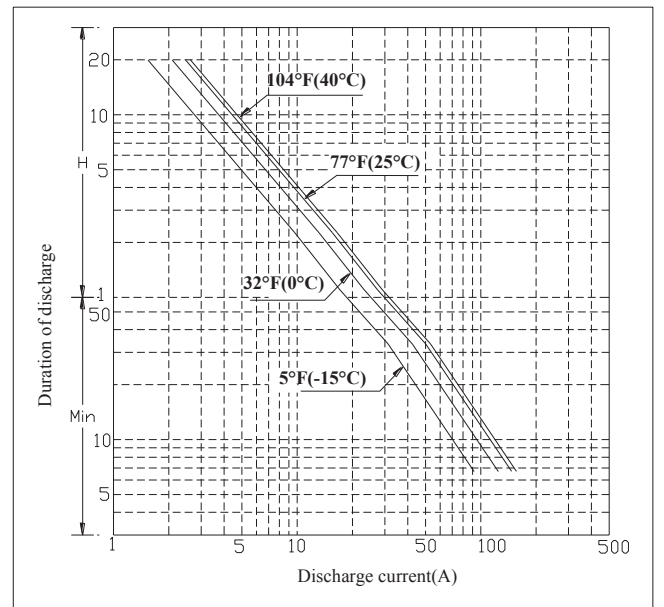
Discharge characteristics 77°F (25°C)



Characteristics

Capacity 77°F (25°C)	20 hour rate (2.5A to 10.5Volts)	50AH
	10 hour rate (4.5A to 10.5Volts)	45AH
	5 hour rate (8.2A to 10.2Volts)	41AH
Internal Resistance	Full charged 77°F (25°C)	8mΩ
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	AP	
Max. Discharge Current 77°F (25°C)	750A (5s)	
Cranking Performance	Cranking Amps (30-sec amps to 7.2V @ 32° F (0° C))	575A
	Cold Cranking Amps (30-sec amps to 7.2V @ 0° F (-18° C))	440A
Reserve Capacity (Minutes to 10.5V at 80°F (27°C))	@ 25Amps	85Min
	@ 75Amps	17Min
Charging (Constant Voltage)	Cycle	Initial Charging Current 11A 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	15M	30M	45M	1H	2H	3H	5H	8H	10H	12H	20H	24H
1.75V	80	55	38	27.8	17.5	11.6	8.0	5.3	4.5	3.88	2.50	2.14