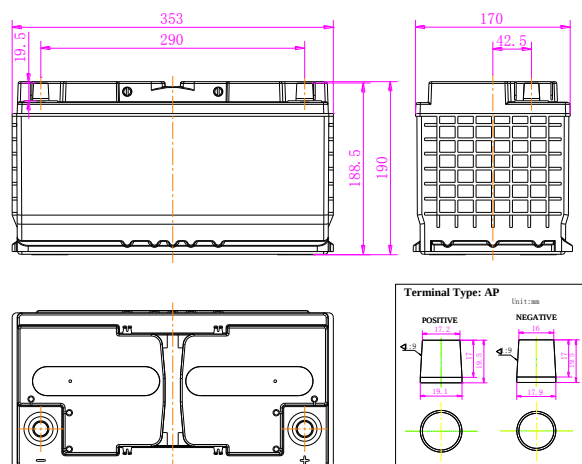




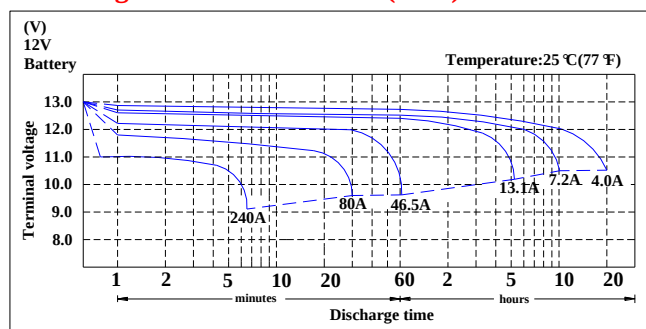
Specifications

Nominal Voltage		12V
Rated Capacity (20 hour rate)		80AH
Dimension	Total Height (with terminals)	190mm(7.48inches)
	Height	190mm(7.48inches)
	Length	353mm(13.90inches)
	Width	175mm(6.89inches)
Weight		Approx.26.8kg (59.08lbs)

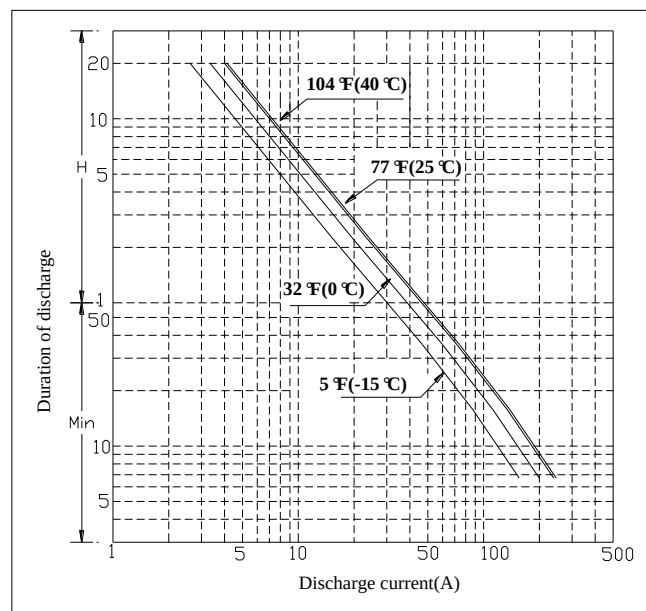
Characteristics

Capacity 77°F (25°C)	20 hour rate (3.0A to 10.5Volts)		80AH
	10 hour rate (7.2A to 10.5Volts)		72AH
	5 hour rate (13.1A to 10.2Volts)		65.5AH
Internal Resistance	Full charged 77°F (25°C)		5mΩ
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)	1200A (5s)		
Cranking Performance	Cranking Amps (30-sec amps to 7.2V @ 32° F (0° C)		756A
	Cold Cranking Amps (30-sec amps to 7.2V @ 0° F (-18° C)		630A
Reserve Capacity (Minutes to 10.5V at 80°F (27°C)		@ 25Amps	142Min
		@ 75Amps	32Min
Charging (Constant Voltage)	Cycle	Initial Charging Current 28A 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	140	76.5	57	44.6	27.2	18.3	12.84	8.87	7.2	6.25	4.00	3.38