



# ZL120160

### 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	55.9	41.3	34.1	18.1	13.6	9.52	6.53	5.4	4.6	3	2.51

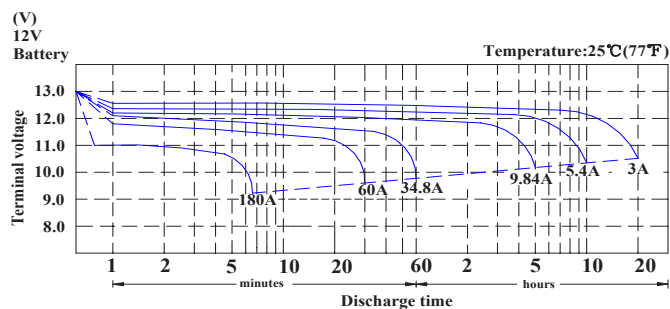
### Characteristics

Capacity 25°C (77°F)	20 hour rate (3A to 10.5Volts) 10 hour rate (5.4A to 10.5Volts) 5 hour rate (9.84A to 10.2Volts)	60AH 54AH 49.2AH
Internal Resistance	Full charged Battery 25°C (77°F)	7mΩ
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	AP	
Max. Discharge Current 25°C (77°F)	900A (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))	450A 370A
Reserve Capacity (Minutes to 10.5V at 27°C (80°F))	@ 25Amps @ 75Amps	100Min 30Min
Charging (Constant Voltage)	Cycle Initial Charging Current 12A Or Small 14.5V~14.9V/ 25°C (77°F) Float 13.6V~13.8V/ 25°C (77°F)	

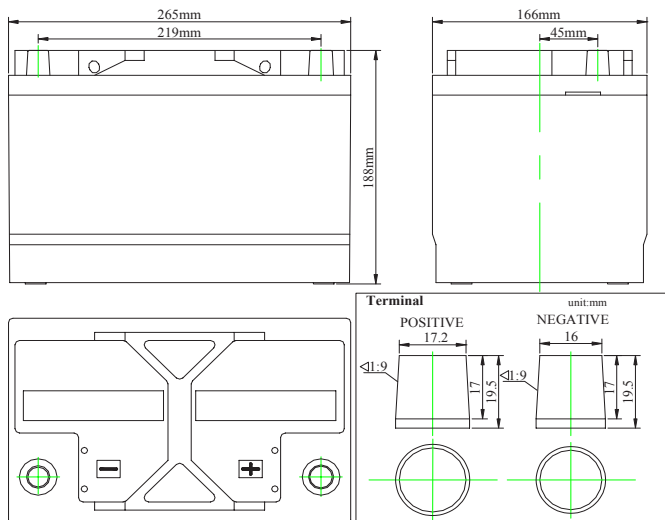
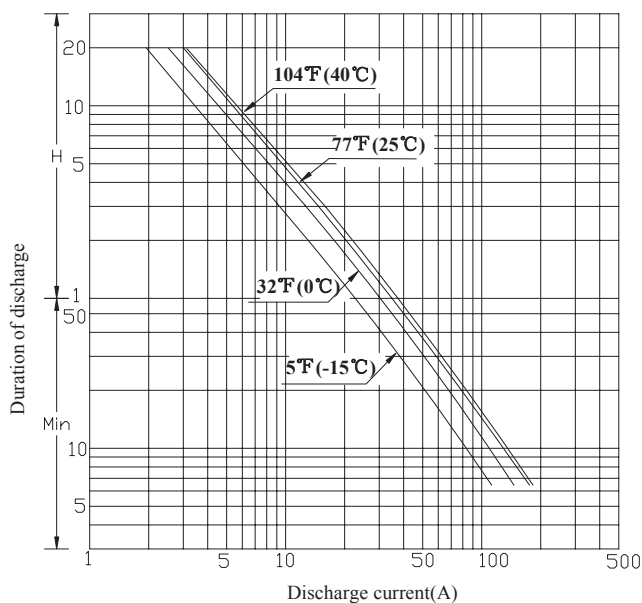
### Specifications

Nominal Voltage	12V	
Rated Capacity (20 hour rate)	60Ah	
Dimension	Total Height (with terminals)	188mm (7.40 inches)
	Height	188mm (7.40 inches)
	Length	256mm (10.43 inches)
	Width	166mm (6.54 inches)
Weight	Approx. 20.7 kg (45.6 lbs)	

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



### Duration of discharge vs. Discharge current



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