



## ZL120165

### 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	61	45	36.9	19.6	14.7	10.3	7.1	5.85	4.98	3.25	2.72

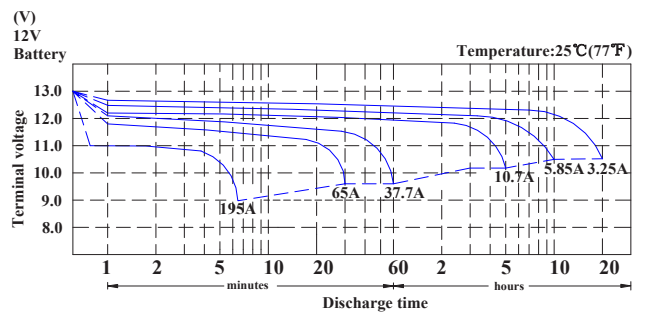
### Characteristics

Capacity 25°C (77°F)	20 hour rate (3.25A to 10.5Volts) 10 hour rate (5.85A to 10.5Volts) 5 hour rate (10.7A to 10.2Volts)	65AH 58.5AH 53.5AH
Internal Resistance	Full charged Battery 25°C (77°F)	6mΩ
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	M6	
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 13A Or Small 14.5V~14.9V/ 25°C (77°F) Float 13.6V~13.8V/ 25°C (77°F)	

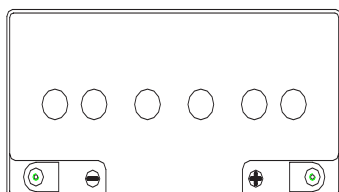
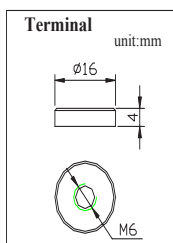
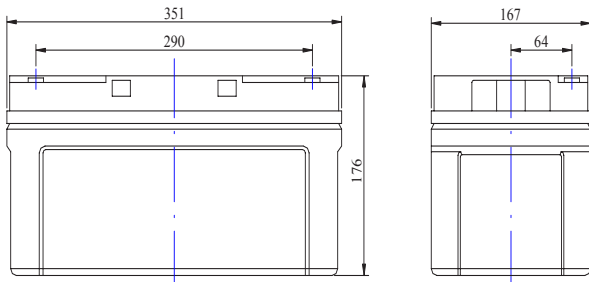
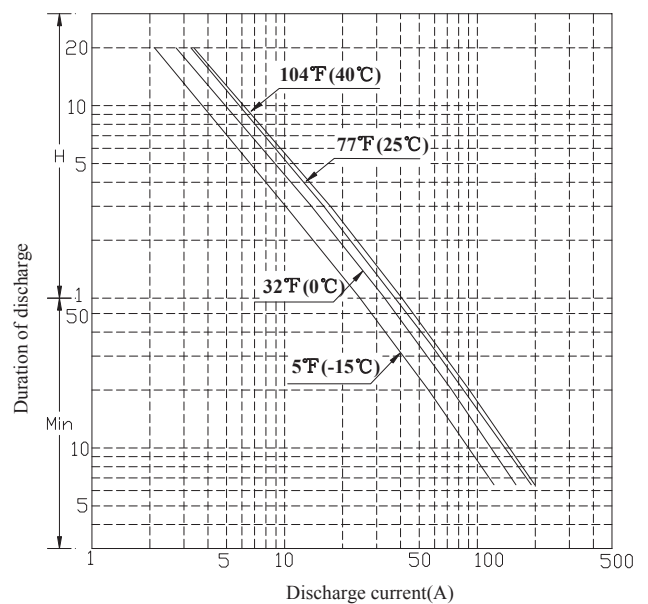
### Specifications

Nominal Voltage		12V
Rated Capacity (20 hour rate)		65Ah
Dimension	Total Height (with terminals)	176mm (6.93 inches)
	Height	176mm (6.93 inches)
	Length	351mm (13.82 inches)
	Width	167mm (6.57 inches)
Weight		Approx. 23.6 kg (52.03 lbs)

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



### Duration of discharge vs. Discharge current



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