



ZL120175

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	79	58	48.3	25.6	19.2	13.5	9.2	7.65	6.52	4.25	3.56

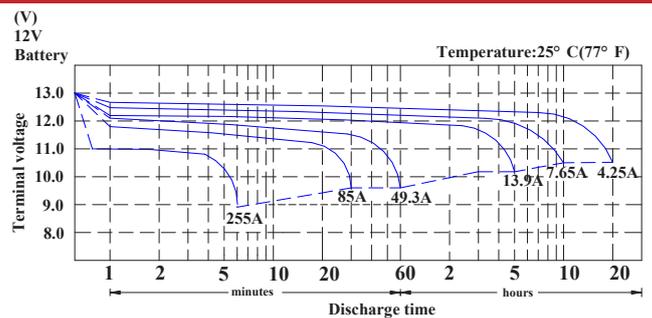
Characteristics

Capacity 25°C (77°F)	20 hour rate (4.25A to 10.5Volts) 10 hour rate (7.65A to 10.5Volts) 5 hour rate (13.9A to 10.2Volts)	85AH 76.5AH 69.5AH
Internal Resistance	Full charged Battery 25°C (77°F)	5.3mΩ
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)	1000A (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))	600A 510A
Reserve Capacity (Minutes to 10.5V at 27°C (80°F))	@ 25Amps @ 75Amps	148Min 34Min
Charging (Constant Voltage)	Cycle Initial Charging Current 17A Or Small 14.5V~14.9V/ 25°C (77°F) Float 13.6V~13.8V/ 25°C (77°F)	

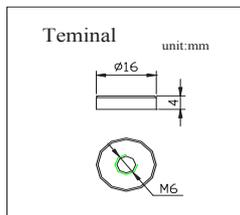
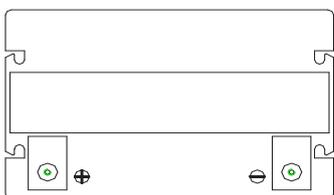
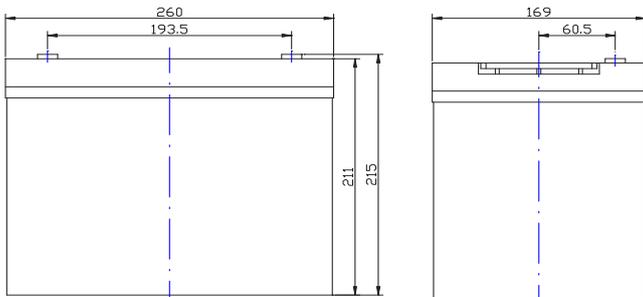
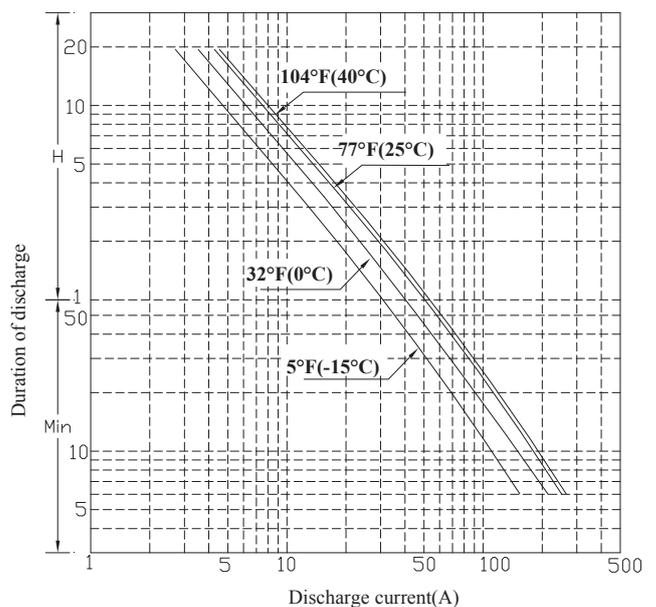
Specifications

Nominal Voltage	12V	
Rated Capacity (20 hour rate)	85Ah	
Dimension	Total Height (with terminals)	215mm (8.46 inches)
	Height	211mm (8.31 inches)
	Length	260mm (10.24 inches)
	Width	169mm (6.69 inches)
Weight	Approx. 25.1 kg (55.34lbs)	

Discharge characteristics 25°C (77°F)



Duration of discharge vs. Discharge current



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