



ZL120100

Constant Current Discharge Rating Amperes @ 25°C (77°F)

Cut off voltage V/cell	15M	30M	45M	1H	2H	3H	5H	8H	10H	12H	20H
1.75V	10	7	5	4	2.1	1.6	1.1	0.8	0.63	0.54	0.35

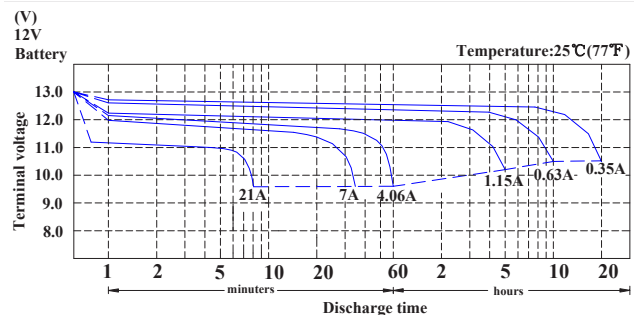
Characteristics

Capacity 25°C (77°F)	20 hour rate (0.36A to 10.5Volts) 10 hour rate (0.63A to 10.5Volts) 5 hour rate (1.15A to 10.2Volts)	7.5AH 6.3AH 5.74AH
Internal Resistance	Full charged Battery 25°C (77°F)	19mΩ
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	F1	
Max. Discharge Current 25°C (77°F)	105A (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))	
Reserve Capacity (Minutes to 10.5V at 27°C (80°F))	@ 25Amps @ 75Amps	
Charging (Constant Voltage)	Cycle Initial Charging Current 1.4A Or Small 14.5V~14.9V/ 25°C (77°F) Float 13.6V~13.8V/ 25°C (77°F)	

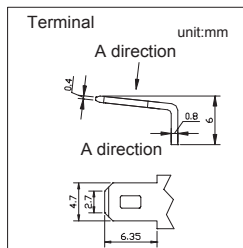
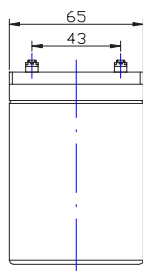
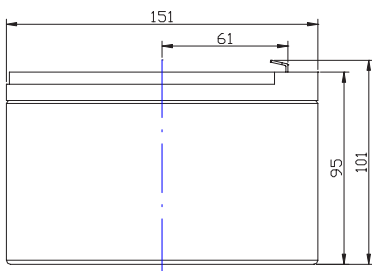
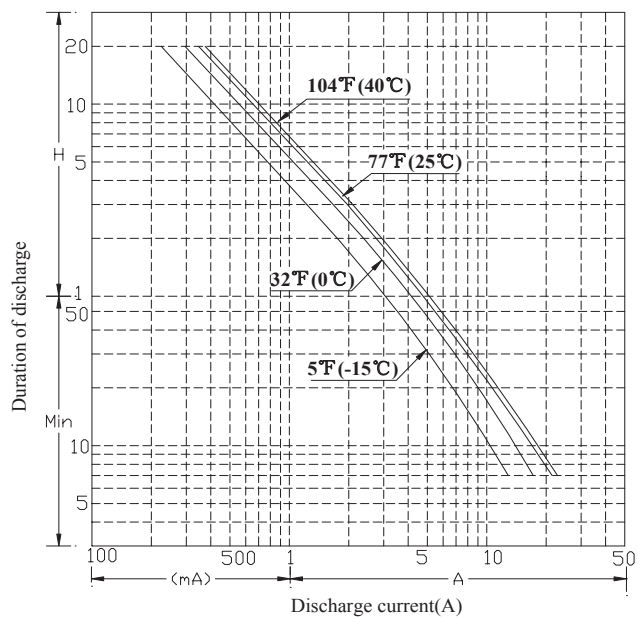
Specifications

Nominal Voltage		12V
Rated Capacity (20 hour rate)		7.5Ah
Dimension	Total Height (with terminals)	101mm (3.98 inches)
	Height	95mm (3.74 inches)
	Length	151mm (5.94 inches)
	Width	65mm (2.56 inches)
Weight		Approx. 2.70kg (5.94 lbs)

Discharge characteristics 25°C (77°F)



Duration of discharge vs. Discharge current



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