



MAINTENANCE-FREE RECHARGEABLE BATTERY

TP12-7.5(12V 7.5AH)

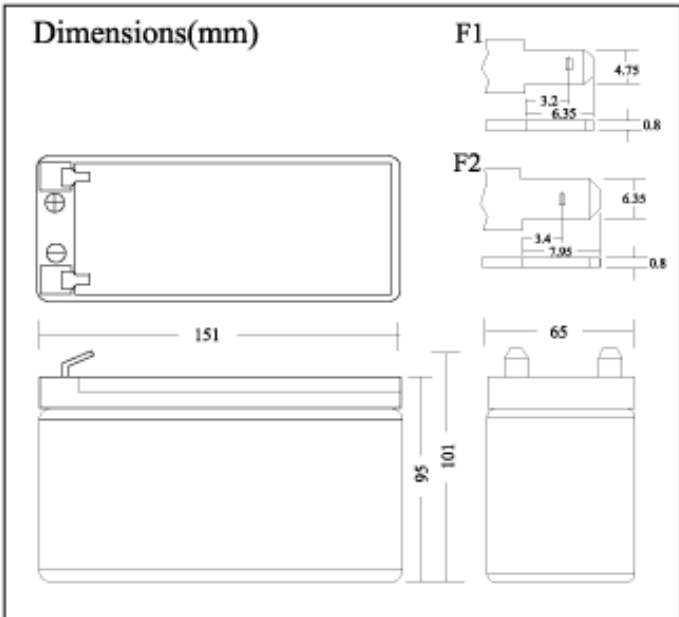


Specifications

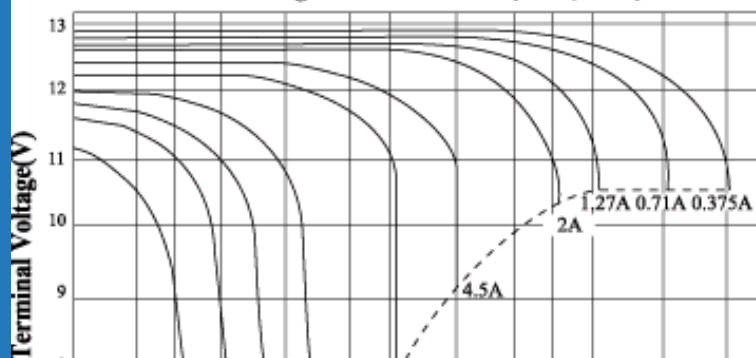
Nominal Voltage	12V	
Rated Capacity(20 hour rate)	7.5AH	
Dimensions ±1mm	Length	151mm(5.94")
	Width	65mm(2.56")
	Height	95mm(3.74")
	Total Height (with terminals)	101mm(3.98")
Weight	Approx.2.8kg	
Standard Terminal	F1	
Optional Terminal	F2	

Electrical Specifications

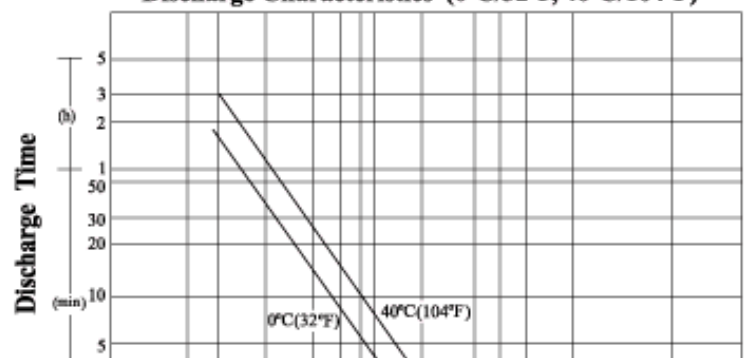
Capacity 77°F (25°C)	20 hour rate (0.375A)	7.5AH
	10 hour rate (0.71A)	7.1AH
	5 hour rate (1.27A)	6.37AH
	1 hour rate (4.5A)	4.5AH
Internal Resistance	Fully charged battery 77°F(25°C)	10m Ω
Capacity affected by Temperature (20 hour rate)	104°F (40°C)	102%
	77°F(25°C)	100%
	32°F(0°C)	85%
	5°F(-15°C)	65%
Charge Constant Voltage	Cycle :Initial Charging Current less than 2.25A Voltage 14.4V-15.0V at 77°F(25°C) Standby: Voltage 13.5V-13.8V at 77°F(25°C)	

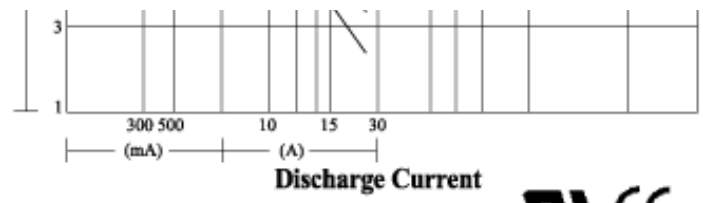
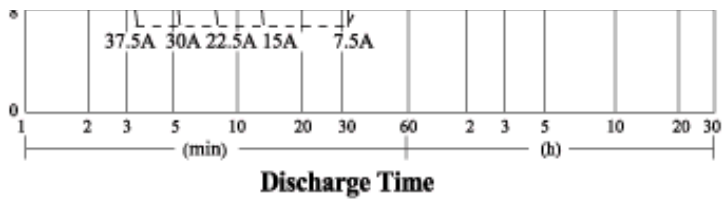


Discharge Characteristics (20°C, 68°F)



Discharge Characteristics (0°C/32°F, 40°C/104°F)





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