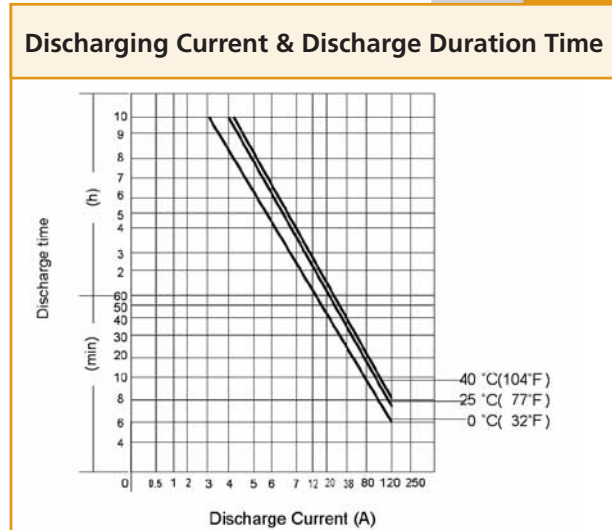
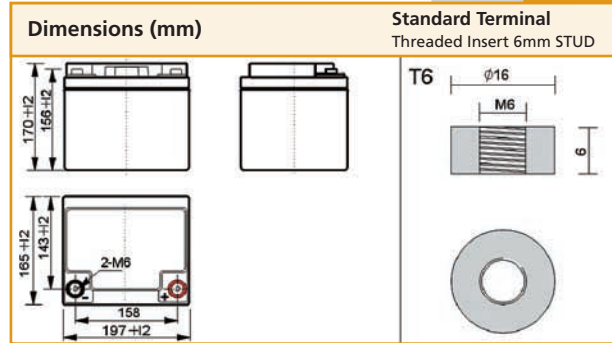


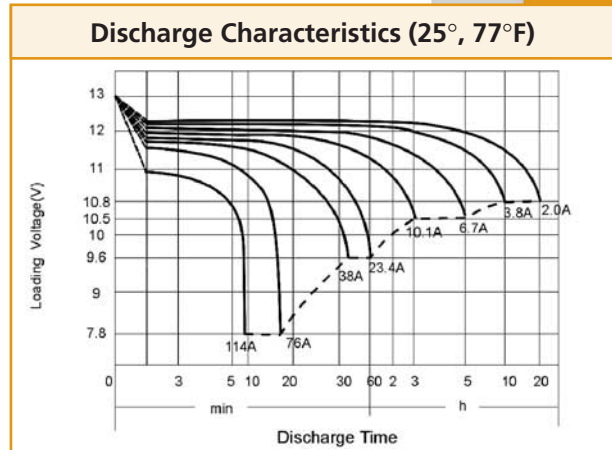


CT 38-12



Physical Specification		
Nominal Voltage	12V	
Nominal Capacity (10HR)	38AH	
Dimension	Length	197 ± 2mm (7.76 inches)
	Width	165 ± 2mm (6.50 inches)
	Container Height	170 ± 2mm (6.69 inches)
	Total Height (with Cover)	170 ± 2mm (6.69 inches)
Weight	Approx 13.8kg (30.5lbs)	
Standard Terminal	Threaded Insert 6mm STUD	

Electrical Specification				
Rated Capacity	20 hour rate (2.0 A)	40.0AH	Cycle	Initial Charging Current less than 11.4A Voltage 14.4V~15.0V at 25°C (77°F) Temp. Coefficient -30mV/C
	10 hour rate (3.8 A)	38.0AH		
	5 hour rate (6.7 A)	33.5AH		
	3 hour rate (10.1 A)	30.3AH		
	1 hour rate (24.3 A)	23.4AH		
Capacity affected by Temperature	40°C (104°F)	103%	Constant-Voltage Charge	No limit on Initial Charging Current Voltage 13.5V~13.8V at 25°C(77°F) Temp. Coefficient - 20mV/C
	25°C (77°F)	100%		
	0°C (32°F)	86%		
			Standby	



Constant Current (Amp) and Constant Power (Watt) Discharge Table (25°, 77°F)															
Amp/Watt/Cell	Time(minute)	10	15	20	30	45	60	120	180	240	300	360	480	600	1200
	Final voltage	1.3	1.3	1.3	1.6	1.6	1.67	1.7	1.75	1.75	1.75	1.75	1.8	1.8	1.8
A		97.50	74.1	58.5	44.9	31.2	23.4	13.7	10.1	7.8	6.7	5.9	4.6	3.8	2.0
W		183.3	140.4	114.7	84.6	62.0	46.3	27.1	20.2	15.6	13.4	11.9	9.3	7.6	4.0