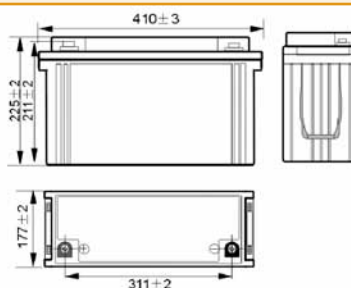




# CTL 120-12

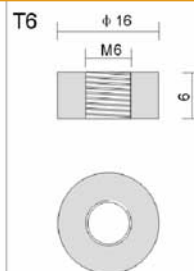


## Dimensions (mm)

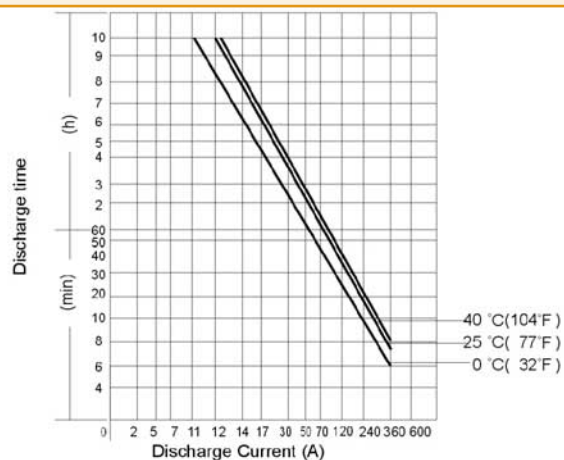


## Standard Terminal

Threaded Insert 6mm STUD



## Discharging Current & Discharge Duration Time



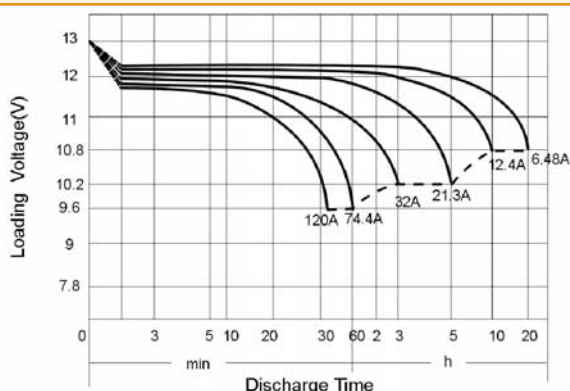
## Physical Specification

Nominal Voltage		12V
Nominal Capacity (10HR)		120AH
Dimension	Length	410±3mm (16.14 inches)
	Width	177±2mm (6.97 inches)
	Container Height	225±2mm (8.86 inches)
	Total Height (with Cover)	225±2mm (8.86 inches)
Weight		Approx 37.6kg (82.96lbs)
Standard Terminal		Threaded Insert 6mm STUD

## Electrical Specification

Rated Capacity	20 hour rate (6.48A)	129 AH	Constant Voltage	Cycle	Initial Charging Current less than 36A, Voltage 14.4V~15.0V at 25°C (77°F) Temp. Coefficient -30mV/°C
	10 hour rate (12.4A)	124 AH			
	5 hour rate (21.3A)	106.5 AH			
	3 hour rate (32.0A)	96.0 AH			
	1 hour rate (74.4A)	74.4 AH			
Capacity affected by Temperature	40°C (104°F)	103%	Charge Standby		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%			

## Discharge Characteristics (25°, 77°F)



## Constant Current (Amp) and Constant Power (Watt) Discharge Table (25°, 77°F)

Time(minute) Final voltage	10	15	20	30	45	60	120	180	240	300	360	480	600	1200
Amp/Watt/Cell	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	310.0	235.6	186.0	142.6	99.2	74.4	43.4	32.0	24.8	21.3	18.8	14.8	12.4	6.48
W	582.8	446.4	364.6	269.1	197.2	147.3	86.3	64.0	49.5	42.5	37.7	29.5	24.5	12.98