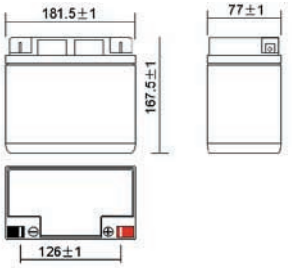
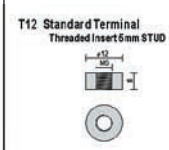
CTL 18-12



Dimensions (mm)



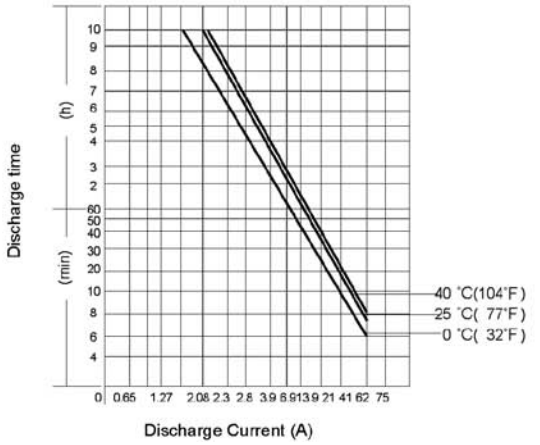
Standard Terminal (mm)



Physical Specification

Nominal Voltage Nominal Capacity (20HR)		12V 18AH
Dimension	Length Width Container Height Total Height (with Cover)	181.5⊥1mm (7.14 inches) 77⊥1mm (3.03 inches) 167.5±1mm (6.59inches) 167.5±1mm (6.59inches)
Weight		Approx 6.0kg (13.2lbs)
Standard Terminal		T12(standard)

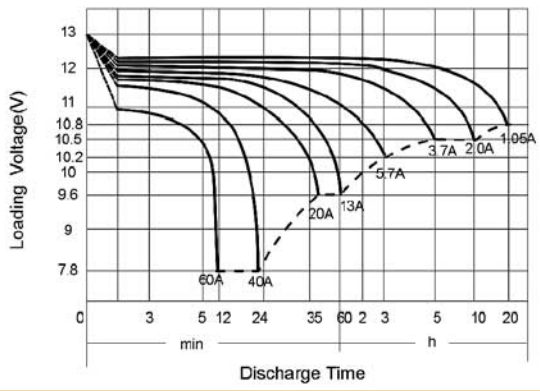
Discharging Current & Discharge Duration Time



Electrical Specification

Rated Capacity	20 hour rate (1.05 A) 10 hour rate (2.0 A) 5 hour rate (3.7 A) 1 hour rate (13 A) 15minute rate (41.2 A)	21AH 20AH 18.5AH 13.0AH 10.3AH	Constant-Voltage Charge	Cycle	Initial Charging Current less than6.0A.Voltage 14.4V~ 15.0V at 25°C (77°F) Temp. Coefficient -30mV/°C
Capacity affected by Temperature	40°C (104°F) 25°C (77°F) 0°C (32°F)	103% 100% 86%		Standby	No limit on Initial Charging Current Voltage 13.5V~13.8V at 25°C(77°F) Temp. Coefficient - 20mV/°C

Discharge Characteristics (25°, 77°F)



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

Time(minute) Final voltage/Cell Amp/Watt/Cell	5 1.3	10 1.3	15 1.3	20 1.3	30 1.6	45 1.6	60 1.67	120 1.7	180 1.75	300 1.75	600 1.75	1200 1.8
A	98.00	60.00	41.2	34.40	25.00	18.00	13.00	7.80	5.70	3.70	2.00	1.05
W	166.00	114.20	80.0	67.60	49.40	35.80	25.80	15.60	11.20	7.40	4.00	2.10