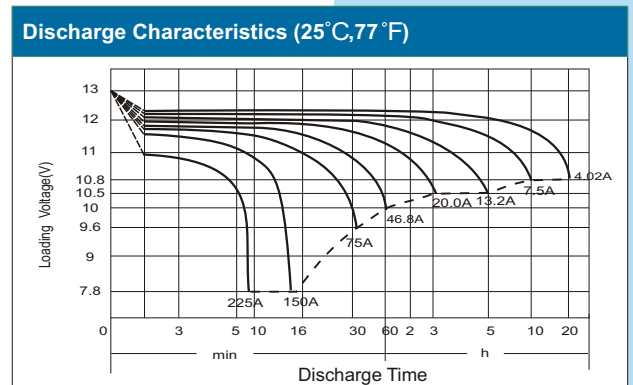
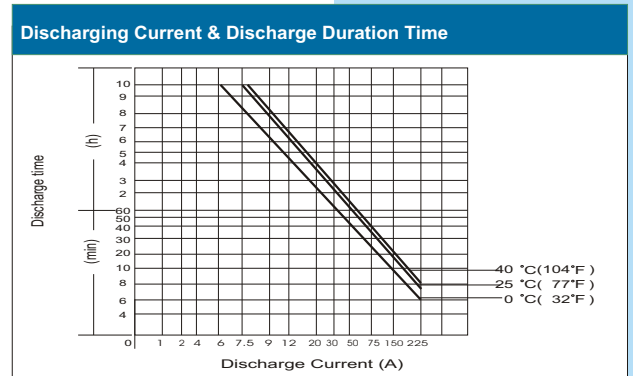
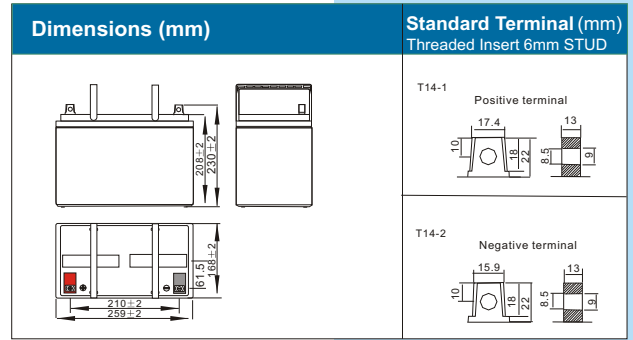
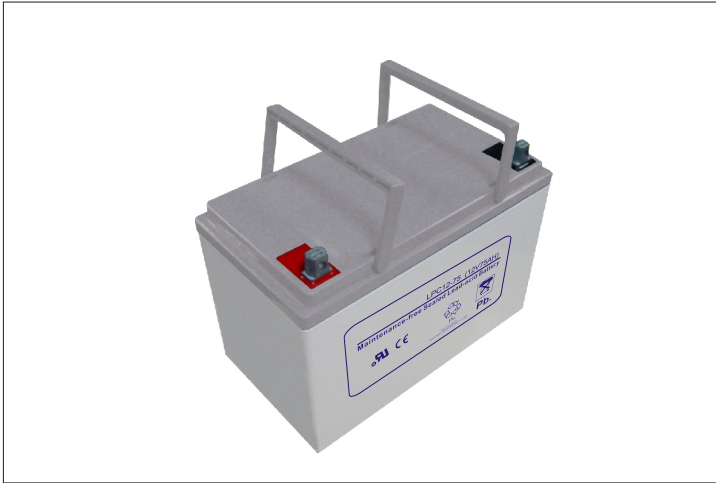


# LPC12-75 (12V75AH)



PHYSICAL SPECIFICATION		
Nominal Voltage		12V
Nominal Capacity (10HR)		75AH
Dimension	Length	259±2mm (10.20 inches)
	Width	168±2mm (6.61 inches)
	Container Height	208±2mm (8.19 inches)
	Total Height (with Cover)	228±2mm (8.98 inches)
Weight		Approx 21.0kg (46.3lbs)
Standard Terminal		Threaded Insert 6mm STUD

Constant Current (Amp) and Constant Power (Watt) Discharge Table (25°C, 77°F)								
Final voltage/Cell	Amp/Watt	Time(minute)						
		5	10	15	20	30	45	60
1.60	A	288.6	195.0	146.6	120.9	89.7	66.5	48.0
1.60	W	2870	1989	1540	1300	984	772	537
1.70	A	237.3	166.6	128.9	106.8	87.6	65.2	44.9
1.70	W	2482	1779	1396	1170	971	749	513

ELECTRICAL SPECIFICATION					
Rated Capacity	20 hour rate (4.02 A)	80.4AH	Constant Voltage Charge	Cycle	Initial Charging Current less than 22.5A. Voltage 14.4V~ 15.0V at 25C (77F) Temp. Coefficient -30mV/C
	10 hour rate (7.50 A)	75.0AH			
	5 hour rate (13.2 A)	66.0AH			
	3 hour rate (20.0 A)	60.0AH			
Capacity affected by Temperature	1 hour rate (46.8 A)	46.8AH	Standby	No limit on Initial Charging Current Voltage 13.5V~13.8V at 25C (77F) Temp. Coefficient - 20mV/C	
	40C (104F)	103%			
	25C (77F)	100%			
	0C (32F)	86%			

Constant Current (Amp) and Constant Power (Watt) Discharge Table (25°C, 77°F)															
Amp/Watt/Cell	Time(minute)	Final voltage													
		10	15	20	30	45	60	120	180	240	300	360	480	600	1200
		1.3	1.3	1.3	1.6	1.6	1.67	1.7	1.75	1.75	1.75	1.75	1.75	1.75	1.80
A		198.8	149.5	123.3	89.7	66.5	46.8	27.0	20.0	16.0	13.2	11.5	9.10	7.50	4.02
W		338.0	261.6	221.0	164.0	128.7	88.4	51.4	38.6	31.1	25.6	22.4	17.8	14.8	7.90