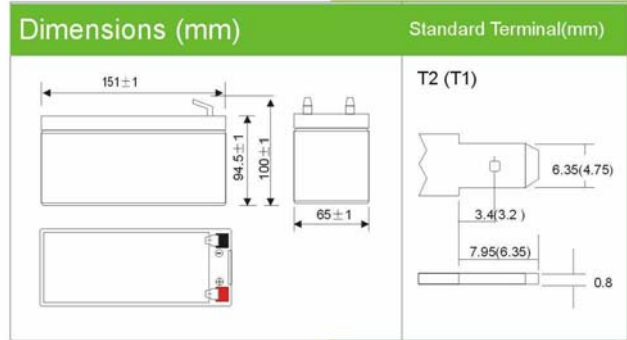
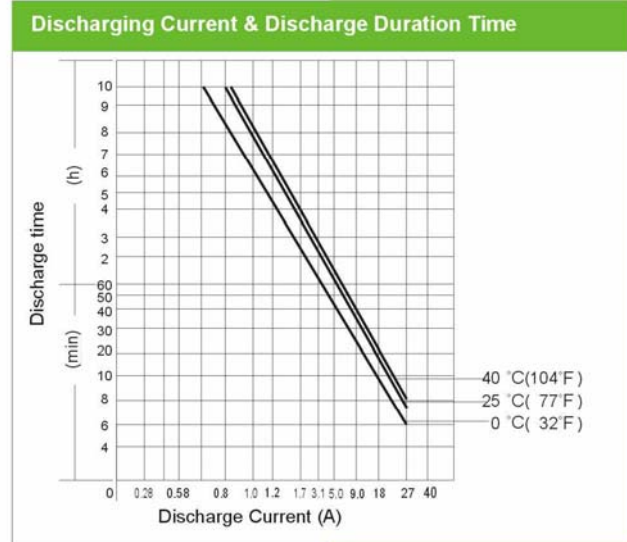




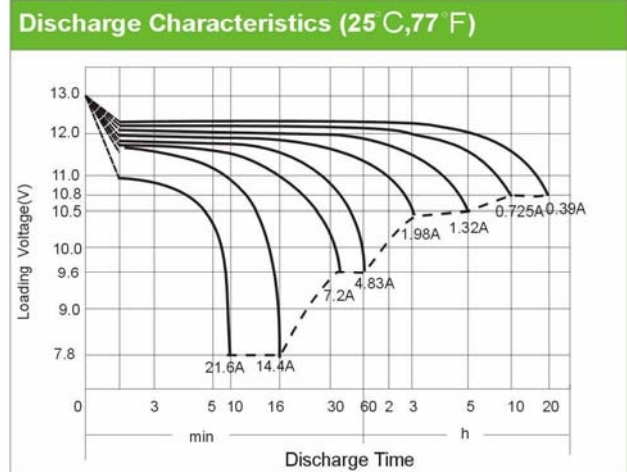
# LP12-7.8 (12V7.8AH)



PHYSICAL SPECIFICATION		
Nominal Voltage		12V
Nominal Capacity (20HR)		7.8AH
Dimension	Length	151 ± 1mm (5.95 inches)
	Width	65 ± 1mm (2.56 inches)
	Container Height	94.5 ± 1mm (3.72 inches)
	Total Height (with Terminal)	100 ± 1mm (3.94 inches)
Weight		Approx 2.50kg (5.51lbs)
Standard Terminal		T2 or T1(standard)



ELECTRICAL SPECIFICATION					
Rated Capacity	20 hour rate (390mA)	7.80AH	Constant-Voltage	Cycle	Initial Charging Current less than 2.34A. Voltage 14.4V~ 15.0V at 25°C (77°F) Temp. Coefficient -30mV/C
	10hour rate (725mA)	7.25AH			
	5 hour rate (1.32A)	6.63AH			
	1 hour rate (4.83A)	4.83AH			
Capacity affected by Temperature	15minute rate (15.28A)	3.82AH	Charge	Standby	No limit on Initial Charging Current Voltage 13.5V~13.8V at 25°C(77°F) Temp. Coefficient -20mV/C
	40°C (104°F)	103%			
	25°C (77°F)	100%			
	0°C (32°F)	86%			



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

Time(minute) Final voltage/Cell	Constant Current (Amp) and Constant Power (Watt) Discharge Table (25°C, 77°F)											
	5	10	15	20	30	45	60	120	180	300	600	1200
Amp/Watt/Cell	1.3	1.3	1.3	1.3	1.6	1.6	1.6	1.7	1.75	1.75	1.8	1.8
A	30.89	22.00	15.28	12.40	8.97	6.24	4.83	2.73	1.98	1.32	0.725	0.39
W	55.29	41.36	29.0	24.2	17.5	12.35	9.56	5.40	3.93	2.64	1.54	0.78