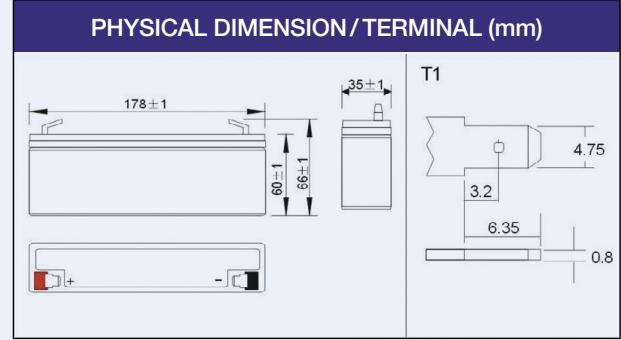
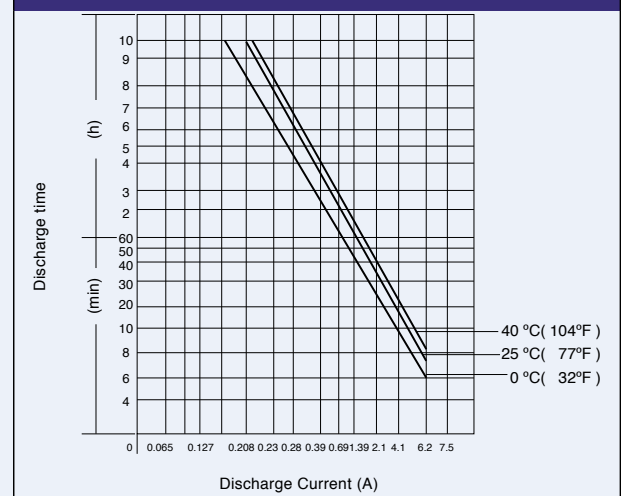


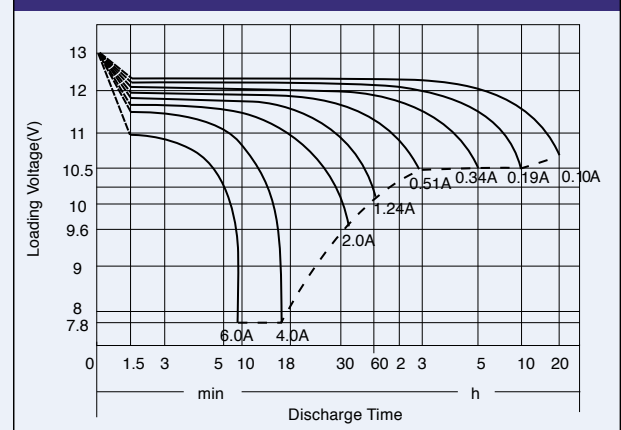
PS1220 Specifications



DISCHARGING CURRENT & DISCHARGE DURATION TIME



DISCHARGE CHARACTERISTICS (25°C, 77°F)



PHYSICAL SPECIFICATION		
Nominal Voltage		12V
Nominal Capacity (20HR)		2.0AH
Dimension	Length	178 ± 1 mm (7.00 inches)
	Width	35 ± 1 mm (1.38 inches)
	Container Height	60 ± 1 mm (2.36 inches)
	Total Height (with Terminal)	66 ± 1 mm (2.60 inches)
Weight		Approx 1.0kg (2.21lbs)
Terminal Type		T1 (standard)

ELECTRICAL SPECIFICATION					
Rated Capacity	20 hour rate (0.10A)	2.0AH	Constant-Voltage Charge	Cycle	Initial Charging Current less than 0.60A. Voltage 14.4V- 15.0V at 25°C (77°F) Temp. Coefficient -30mV/°C
	10 hour rate (0.19A)	1.9AH			
	5 hour rate (0.34A)	1.7AH			
	1 hour rate (1.24A)	1.24AH			
	15minute rate (3.92A)	0.98AH			
Capacity affected by Temperature	40°C (104°F)	103%	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%			

CONSTANT CURRENT (AMP) AND CONSTANT POWER (WATT) DISCHARGE TABLE (25°C, 77°F)

Amp/Watt/Cell	Time (minute)	5	10	15	20	30	45	60	120	180	300	600	1200
	Final voltage/Cell	1.3	1.3	1.3	1.3	1.6	1.6	1.67	1.7	1.75	1.75	1.75	1.8
A		8.00	5.70	3.92	3.20	2.30	1.60	1.24	0.70	0.51	0.34	0.19	0.10
W		14.32	10.72	7.46	6.26	4.52	3.18	2.46	1.39	1.01	0.68	0.37	0.20

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