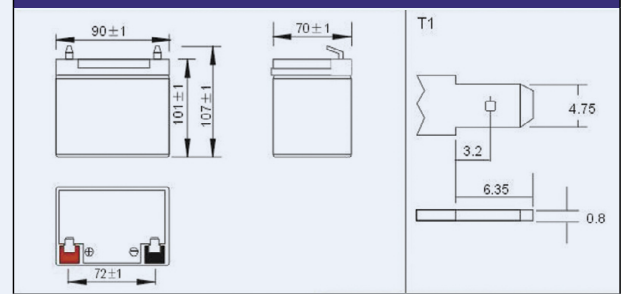


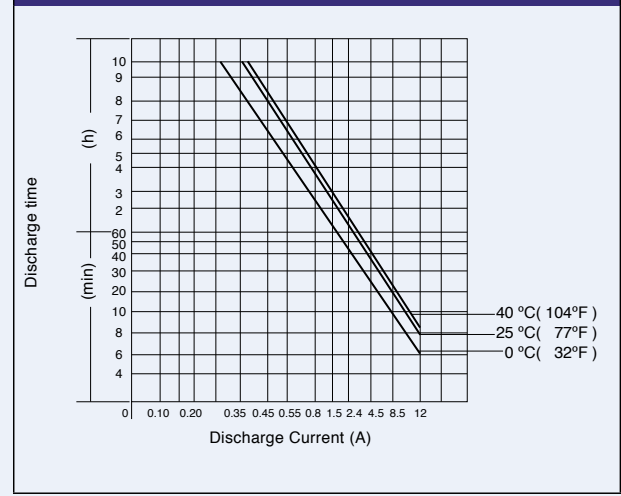
PS1240 Specifications



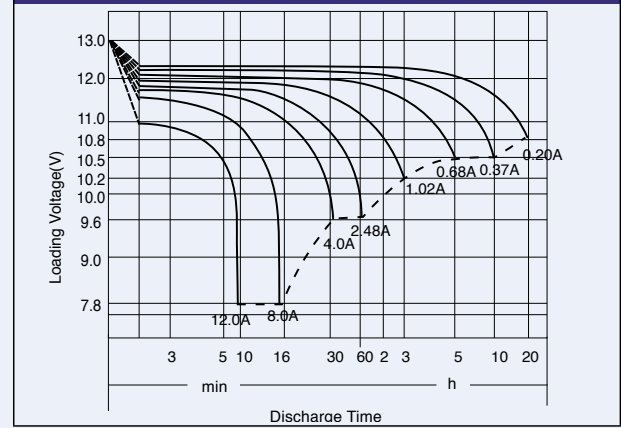
PHYSICAL DIMENSION / TERMINAL (mm)



DISCHARGING CURRENT & DISCHARGE DURATION TIME



DISCHARGE CHARACTERISTICS (25°C, 77°F)



PHYSICAL SPECIFICATION

Nominal Voltage		12V
Nominal Capacity (20HR)		4.0AH
Dimension	Length	90 ± 1mm (3.54 inches)
	Width	70 ± 1mm (2.76 inches)
	Container Height	101 ± 1mm (3.98 inches)
	Total Height (with Terminal)	107 ± 1mm (4.21 inches)
Weight		Approx 1.60kg (3.53lbs)
Terminal Type		T1 (standard)

ELECTRICAL SPECIFICATION

Rated Capacity	20 hour rate (200mA)	4.00AH	Constant-Voltage Charge	Cycle	Initial Charging Current less than 1.20A. Voltage 14.4V- 15.0V at 25°C (77°F) Temp. Coefficient -30mV/°C
	10 hour rate (370mA)	3.70AH			
	5 hour rate (680mA)	3.40AH			
	1 hour rate (2.48A)	2.48AH			
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		16.36	11.40	7.84	6.40	4.60	3.27	2.48	1.40	1.02	0.68	0.37	0.20
W		29.28	21.92	15.25	12.80	9.24	6.50	5.03	2.84	2.07	1.31	0.73	0.41

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