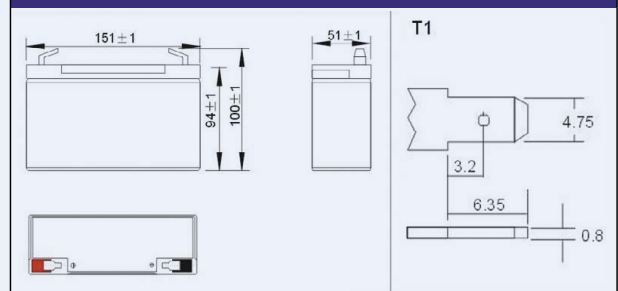


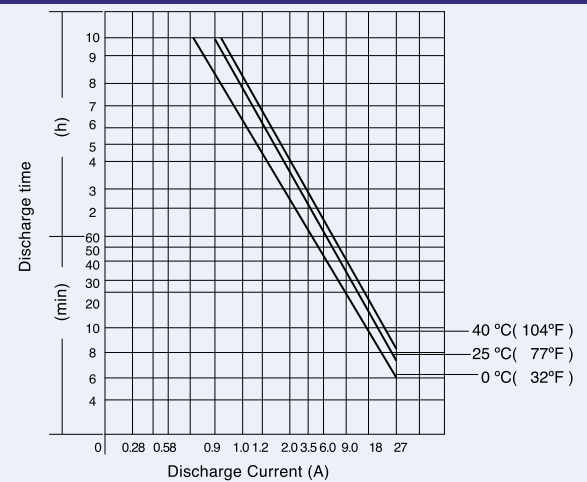
PS6100 Specifications



PHYSICAL DIMENSION/TERMINAL (mm)



DISCHARGING CURRENT & DISCHARGE DURATION TIME



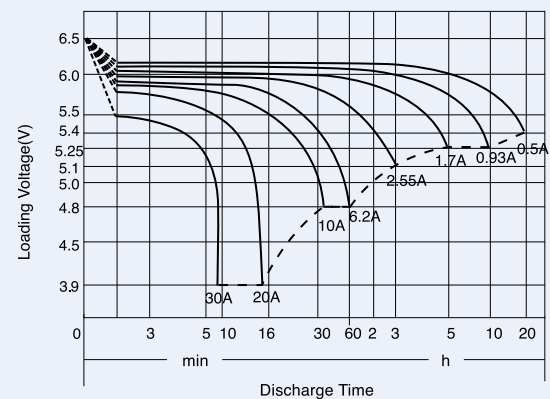
PHYSICAL SPECIFICATION

Nominal Voltage		6V
Nominal Capacity (20HR)		10AH
Dimension	Length	151 ± 1mm (5.95 inches)
	Width	51 ± 1mm (2.01 inches)
	Container Height	94 ± 1mm (3.70 inches)
	Total Height (with Terminal)	100 ± 1mm (3.94 inches)
Weight		Approx 1.70kg (3.75lbs)
Terminal Type		T1

ELECTRICAL SPECIFICATION

Rated Capacity	20 hour rate (500mA)	10.0AH	Constant-Voltage Charge	Cycle	Initial Charging Current less than 3.0A. Voltage 7.20V~ 7.50V at 25°C (77°F) Temp. Coefficient -15mV/°C
	10 hour rate (930mA)	9.3AH			
	5 hour rate (1.70 A)	8.5AH			
	1 hour rate (6.20 A)	6.2AH			
	15minute rate (19.6 A)	4.9AH			
Capacity affected by Temperature	40°C (104°F)	103%	Standby		No limit on Initial Charging Current Voltage 6.75V~6.90V at 25°C (77°F) Temp. Coefficient -10mV/°C
	25°C (77°F)	100%			
	0°C (32°F)	86%			

DISCHARGE CHARACTERISTICS (25°C, 77°F)



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

Amp/Watt	Time (minute) Final voltage/ Cell	5	10	15	20	30	45	60	120	180	300	600	1200
		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		40.00	28.50	19.60	16.00	11.50	8.00	6.20	3.50	2.55	1.70	0.93	0.50
W		71.60	53.60	37.30	31.30	22.60	15.90	12.30	6.96	5.07	3.40	1.86	1.01

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