

PS1270 Specifications



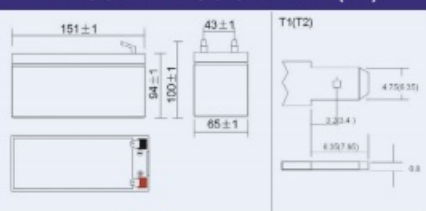
PHYSICAL SPECIFICATION

Nominal Voltage		12V
Nominal Capacity (20HR)		7.0AH
Dimension	Length	151 ± 1mm (5.95 inches)
	Width	65 ± 1mm (2.56 inches)
	Container Height	94.5 ± 1mm (3.70 inches)
Total Height (with Terminal)		100 ± 1mm (3.94 inches)
Weight		Approx 2.45kg (5.40lbs)
Terminal Type		T1/T2(standard)

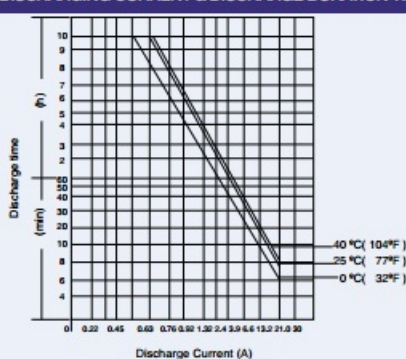
ELECTRICAL SPECIFICATION

Rated Capacity	20 hour rate (350mA)	7.00AH	Cycle	Initial Charging Current less than 2.1A. Voltage 14.4V~ 15.0V at 25°C (77°F) Temp. Coefficient <20mV/°C
	10 hour rate (651mA)	6.51AH		
	5 hour rate (1.19A)	5.95AH		
	1 hour rate (4.34A)	4.34AH		
	15minute rate (12.78A)	3.20AH		
Capacity affected by Temperature	40°C (104°F)	103%	Constant-Voltage Charge	No limit on Initial Charging Current Voltage 13.5V~13.8V at 25°C (77°F) Temp. Coefficient <20mV/°C
	0°C (32°F)	86%		
			Standby	

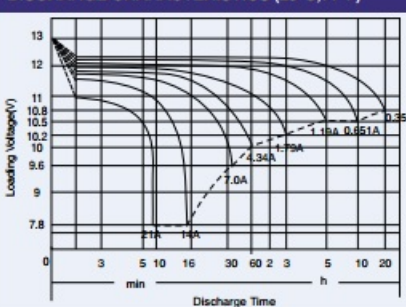
PHYSICAL DIMENSION/ TERMINAL (mm)



DISCHARGING CURRENT & DISCHARGE DURATION TIME



DISCHARGE CHARACTERISTICS (25°C, 77°F)



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

Time (minute) Final voltage/ Cell	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	1.67	1.7	1.75	1.75	1.75	1.8
A	27.44	17.60	12.78	9.88	7.89	5.60	4.34	2.45	1.79	1.19	0.651	0.35
W	49.12	33.09	24.31	19.32	15.50	11.13	8.61	4.87	3.55	2.38	1.26	0.70