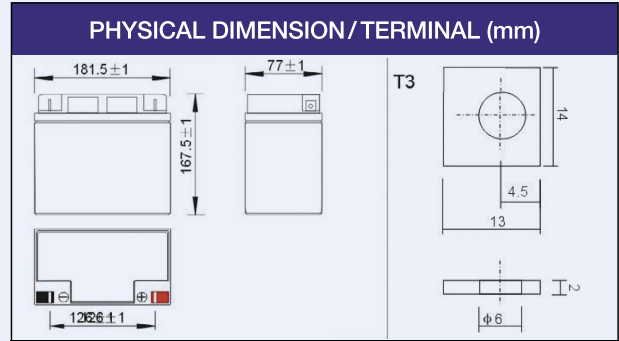
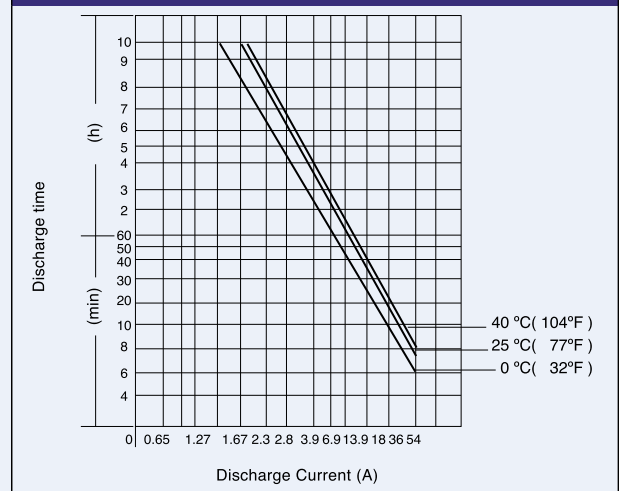


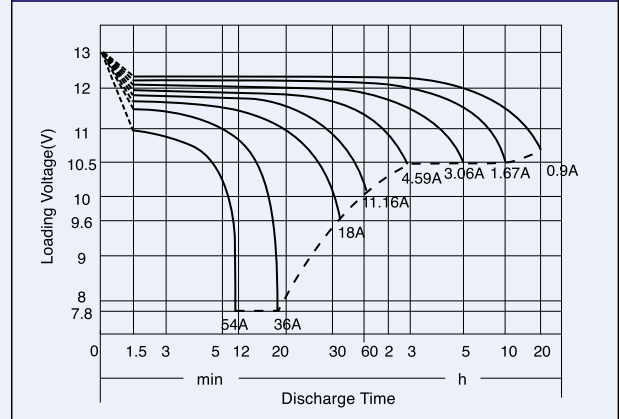
PS12180 Specifications



DISCHARGING CURRENT & DISCHARGE DURATION TIME



DISCHARGE CHARACTERISTICS (25°C, 77°F)



PHYSICAL SPECIFICATION		
Nominal Voltage		12V
Nominal Capacity (20HR)		18AH
Dimension	Length	181.5 ± 1mm (7.14 inches)
	Width	77 ± 1mm (3.03 inches)
	Container Height	167.5 ± 1mm (6.59 inches)
	Total Height (with Cover)	167.5 ± 1mm (6.59 inches)
Weight		Approx 5.70kg (12.57lbs)
Terminal Type		T3

ELECTRICAL SPECIFICATION					
Rated Capacity	20 hour rate (0.90A)	18.0AH	Constant-Voltage Charge	Cycle	Initial Charging Current less than 5.4A. Voltage 14.4V~15.0V at 25°C (77°F) Temp. Coefficient -30mV/°C
	10 hour rate (1.674A)	16.74AH			
	5 hour rate (3.06A)	15.3AH			
	1 hour rate (11.16A)	11.16AH			
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 7°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	70.56	45.25	32.86	25.41	20.29	14.40	11.16	6.68	4.59	3.06	1.674	0.90
W	116.97	76.92	57.50	45.13	36.58	26.63	21.30	12.06	8.85	6.06	3.33	1.80

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