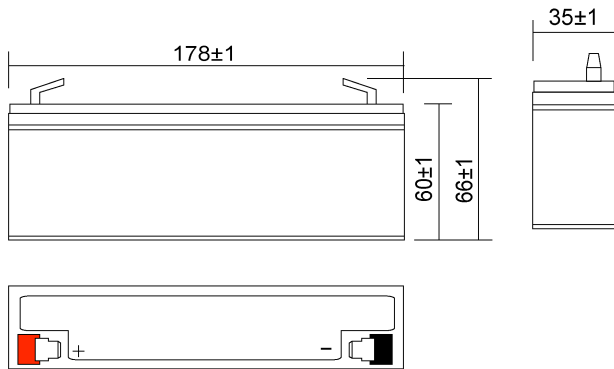
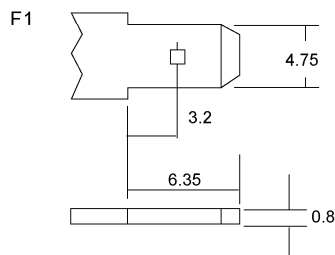




Dimensions (mm)



Standard Terminal (mm)



Physical Specification

Nominal Voltage		12V
Nominal Capacity (20HR)		2.1AH
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 (2.20lbs)
Standard Terminal		T1 (standard)

Electrical Specification

Rated Capacity	20 hour rate (105mA)	2.1AH	Cycle	Initial Charging Current less than 0.63A. Voltage 14.4V~15.0V at 25°C (77°F) Temp. Coefficient -30mV/°C
	10 hour rate (190mA)	1.9AH		
	5 hour rate (360mA)	1.8AH		
	1 hour rate (1.30A)	1.30AH		
	15minute rate (4.12A)	1.03AH		
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%		

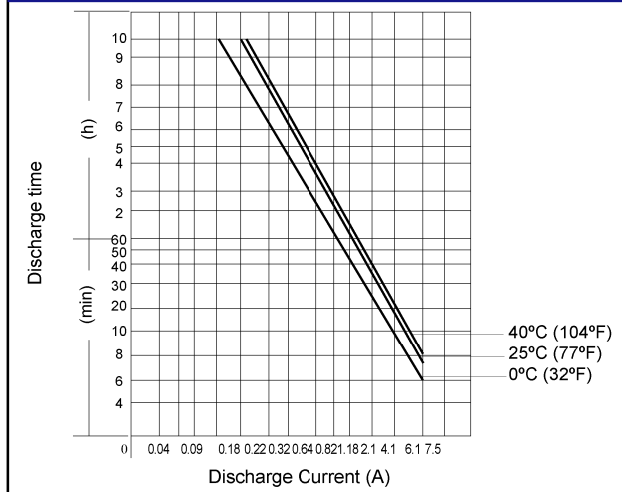
Constant Current (Amp) and Constant Power (Watt) Discharge Table (25°C, 77°F)

Time(minute) Final voltage/Cell	Constant Current (Amp) and Constant Power (Watt) Discharge Table (25°C, 77°F)												
	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	
Amps	8.40	5.99	4.12	3.36	2.42	1.68	1.30	0.74	0.54	0.36	0.19	0.105	
Watts/Cell	15.04	11.26	7.83	6.57	4.75	3.34	2.58	1.46	1.06	0.71	0.38	0.21	

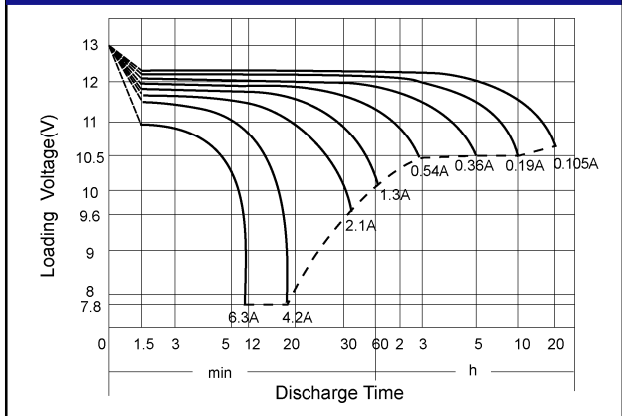
PS-1221 (12V2.1AH)



Discharging Current & Discharge Duration Time



Discharge Characteristics (25°C, 77°F)



VdS No. G103145



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