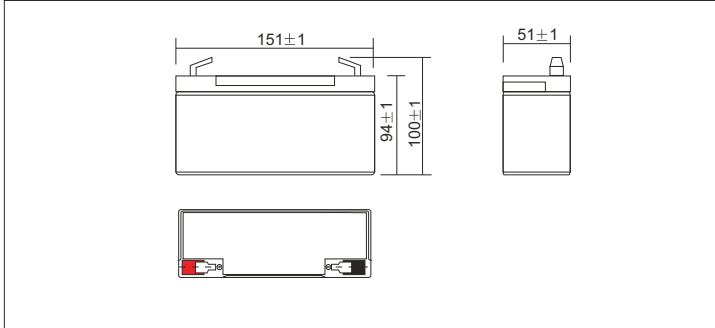


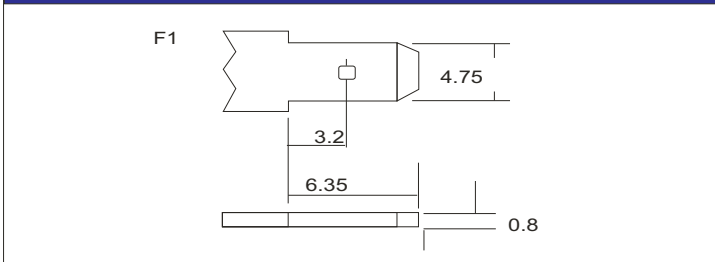


PS-6120 6V 12AH

Dimensions (mm)

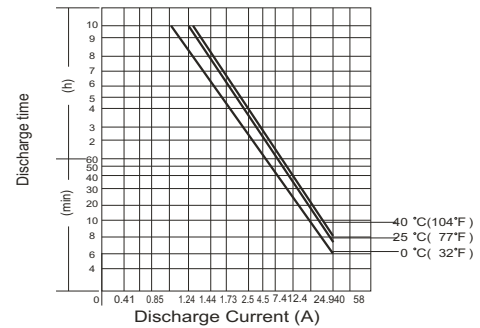


Standard Terminal (mm)



Flame Retardant V-O Case & Cover

Discharging Current & Discharge Duration Time



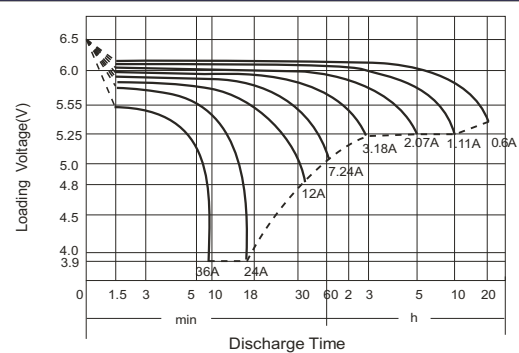
Physical Specification

Nominal Voltage	6V	
Nominal Capacity (20HR)	12AH	
Dimension	Length	151 ± 1mm
	Width	51 ± 1mm
	Container Height	94 ± 1mm
	Total Height (with Terminal)	100 ± 1mm
Weight	Approx 1.95kg	
Standard Terminal	F1	

Electrical Specification

Rated Capacity	20 hour rate (0.60A)	12AH	Constant-Voltage	Cycle	Initial Charging Current less than 3.6A. Voltage 7.20V- 7.50V at 25°C (77°F) Temp. Coefficient -30mV/°C
	10 hour rate (1.11A)	11.1AH			
	5 hour rate (2.07A)	10.35AH			
	1 hour rate (7.24A)	7.24AH			
	15 minute rate (22.3A)	5.60AH			
Capacity affected by Temperature	40°C (104°F)	103%	Charge	Standby	No limit on Initial Charging Current Voltage 6.75V-6.90V at 25°C(77°F) Temp. Coefficient - 20mV/°C
	25°C (77°F)	100%			
	0°C (32°F)	86%			

Discharge Characteristics (25°C ,77°C)



Constant Current Discharge Characteristics Unit: Amperes (25°C, 77°F)

F.V/Time	5MIN	10MIN	15MIN	30MIN	1HR	2HR	3HR	4HR	5HR	8HR	10HR	20HR
1.60V	46.3	31.5	23.30	13.80	7.81	4.46	3.38	2.71	2.22	1.45	1.21	0.629
1.67V	39.9	28.1	21.10	12.80	7.44	4.27	3.22	2.58	2.11	1.43	1.18	0.623
1.70V	38.1	26.9	20.50	12.40	7.29	4.20	3.15	2.54	2.09	1.42	1.17	0.617
1.75V	34.6	24.6	19.20	11.91	7.07	4.04	3.06	2.48	2.06	1.40	1.16	0.606
1.80V	30.7	22.4	17.60	11.47	6.76	3.90	3.00	2.42	1.99	1.37	1.15	0.600
1.85V	22.9	17.5	14.54	9.72	6.03	3.57	2.79	2.27	1.85	1.30	1.08	0.594

Constant Power Discharge Characteristics Unit: Watts (25°C, 77°F)

F.V/Time	5MIN	10MIN	15MIN	30MIN	1HR	2HR	3HR	4HR	5HR	8HR	10HR	20HR
1.60V	230.4	160.4	122.3	75.5	44.0	25.4	19.4	15.64	12.84	8.52	7.11	3.71
1.67V	204.8	147.3	113.2	70.8	42.3	24.5	18.6	14.95	12.29	8.40	6.98	3.69
1.70V	196.7	141.4	110.2	68.8	41.7	24.1	18.2	14.76	12.18	8.34	6.92	3.65
1.75V	183.7	132.8	104.6	66.5	40.5	23.3	17.7	14.41	12.04	8.24	6.86	3.59
1.80V	166.5	122.8	97.0	64.6	38.9	22.5	17.5	14.14	11.63	8.12	6.79	3.56
1.85V	125.3	97.2	81.4	55.6	35.03	20.8	16.3	13.31	10.89	7.67	6.43	3.53



Power-Sonic Europe Limited
 3 Buckingham Square, Wickford, Essex, SS11 8YQ
 Tel: +44 (0)1268 560686 Fax: +44 (0)1268 560902
 sales@power-sonic.co.uk
 www.power-sonic.co.uk