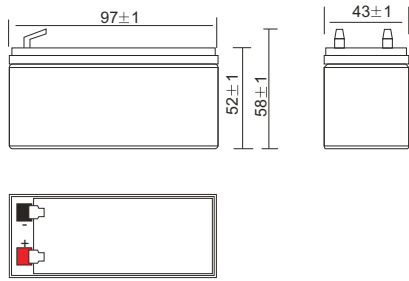


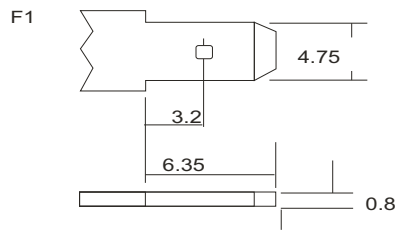


PS-1212 12V 1.2AH

Dimensions (mm)



Standard Terminal (mm)

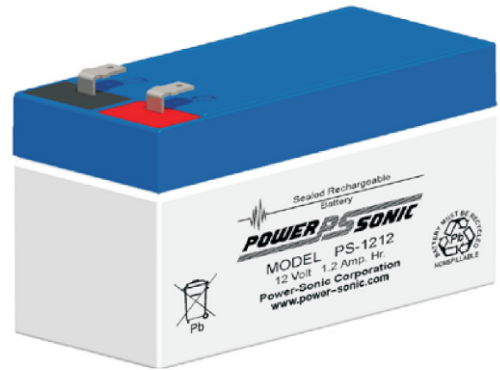


Physical Specification

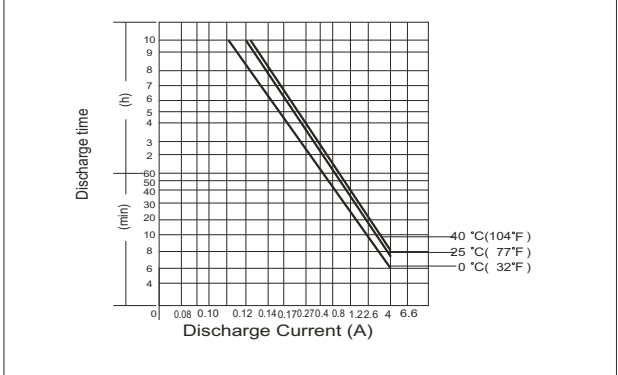
Nominal Voltage		12V
Nominal Capacity (20HR)		1.2AH
Dimension	Length	97 ± 1mm
	Width	43 ± 1mm
	Container Height	52 ± 1mm
	Total Height (with Terminal)	58 ± 1mm
Weight		Approx 0.6kg
Standard Terminal		F1

Electrical Specification

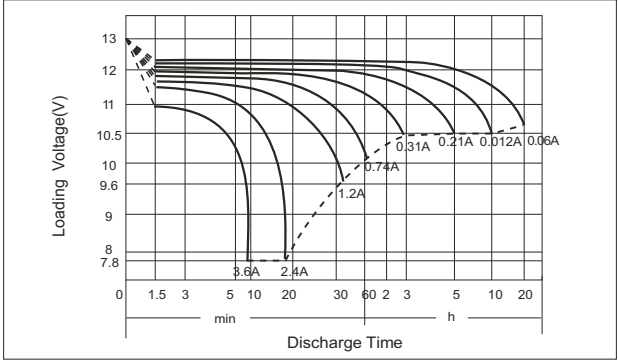
Rated Capacity	20 hour rate (60mA)	1.20AH	Constant-Voltage	Cycle	Initial Charging Current less than 0.36A. Voltage 14.4V~ 15.0V at 25°C (77°F) Temp. Coefficient -30mV/°C
	10 hour rate (116mA)	1.16AH			
	5 hour rate (206mA)	1.03AH			
	1 hour rate (740mA)	0.74AH			
Capacity affected by Temperature	40°C (104°F)	103%	Charge	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%			



Discharging Current & Discharge Duration Time



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	4.63	3.15	2.33	1.38	0.78	0.45	0.338	0.271	0.222	0.145	0.121	0.063
1.67V	3.99	2.81	2.11	1.28	0.74	0.43	0.322	0.258	0.211	0.143	0.118	0.062
1.70V	3.81	2.69	2.05	1.24	0.73	0.42	0.315	0.254	0.209	0.142	0.117	0.062
1.75V	3.46	2.46	1.92	1.19	0.71	0.40	0.306	0.248	0.206	0.140	0.116	0.061
1.80V	3.07	2.24	1.76	1.15	0.68	0.39	0.300	0.242	0.199	0.137	0.115	0.060
1.85V	2.29	1.75	1.45	0.97	0.60	0.36	0.279	0.227	0.185	0.130	0.108	0.059

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	46.1	32.1	24.5	15.1	8.81	5.08	3.87	3.13	2.57	1.70	1.42	0.743
1.67V	41.0	29.5	22.6	14.2	8.47	4.89	3.71	2.99	2.46	1.68	1.40	0.737
1.70V	39.3	28.3	22.0	13.8	8.33	4.83	3.64	2.95	2.44	1.67	1.38	0.731
1.75V	36.7	26.6	20.9	13.3	8.10	4.66	3.54	2.88	2.41	1.65	1.37	0.718
1.80V	33.3	24.6	19.4	12.9	7.78	4.51	3.49	2.83	2.33	1.62	1.36	0.712
1.85V	25.1	19.4	16.3	11.1	7.01	4.16	3.26	2.66	2.18	1.53	1.29	0.706



VdS No G103031

