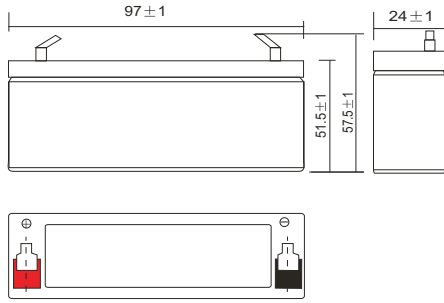


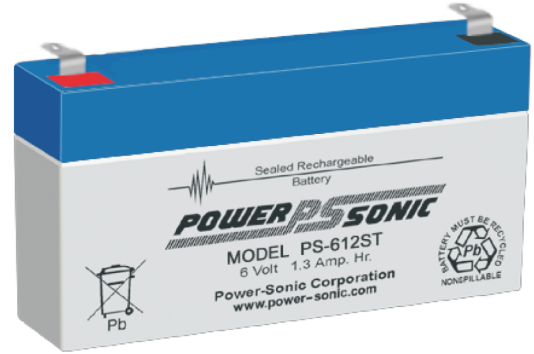
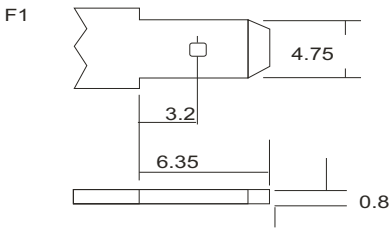


**PS-612ST 6V 1.3AH**

**Dimensions (mm)**



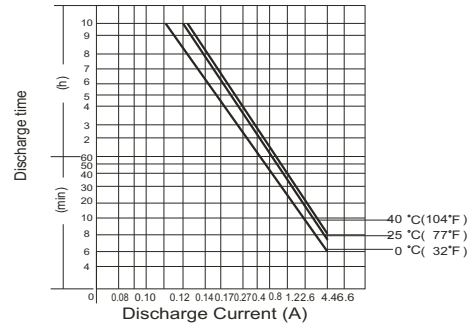
**Standard Terminal (mm)**



**Physical Specification**

Nominal Voltage		6V
Nominal Capacity (20HR)		1.3AH
Dimension	Length	97.0 ± 1mm
	Width	24.0 ± 1mm
	Container Height	51.5 ± 1mm
	Total Height (with Terminal)	57.5 ± 1mm
Weight		Approx 0.28kg
Standard Terminal		F1

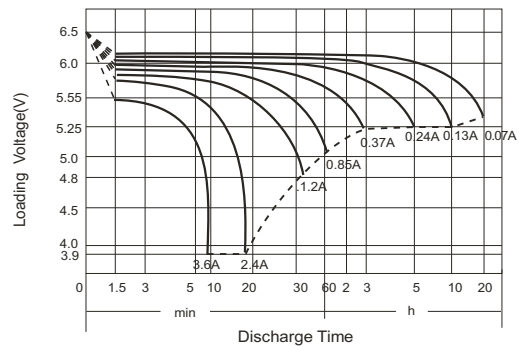
**Discharging Current & Discharge Duration Time**



**Electrical Specification**

Rated Capacity	20 hour rate (70mA)	1.4AH	Constant-Voltage	Cycle	Initial Charging Current less than 0.36A. Voltage 7.20V- 7.50V at 25°C (77°F) Temp. Coefficient -15mV/°C
	10 hour rate (130mA)	1.3AH			
	5 hour rate (240mA)	1.2AH			
	1 hour rate (850mA)	0.85AH			
	15minute rate (2.6A)	0.65AH			
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 - 10mV/°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	5.02	3.41	2.52	1.50	0.85	0.48	0.366	0.294	0.241	0.158	0.131	0.068
1.67V	4.33	3.04	2.29	1.39	0.81	0.46	0.348	0.280	0.229	0.155	0.128	0.067
1.70V	4.13	2.91	2.22	1.34	0.79	0.46	0.341	0.276	0.227	0.154	0.127	0.067
1.75V	3.75	2.67	2.08	1.29	0.77	0.44	0.332	0.268	0.224	0.151	0.125	0.066
1.80V	3.32	2.43	1.90	1.24	0.73	0.42	0.326	0.263	0.215	0.149	0.124	0.065
1.85V	2.48	1.90	1.57	1.05	0.65	0.39	0.303	0.246	0.201	0.140	0.117	0.064

**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	25.0	17.4	13.2	8.18	4.77	2.75	2.10	1.69	1.391	0.923	0.770	0.402
1.67V	22.2	16.0	12.3	7.67	4.59	2.65	2.01	1.62	1.331	0.910	0.756	0.399
1.70V	21.3	15.3	11.9	7.45	4.51	2.62	1.97	1.60	1.320	0.904	0.749	0.396
1.75V	19.9	14.4	11.3	7.20	4.39	2.52	1.92	1.56	1.304	0.892	0.743	0.389
1.80V	18.0	13.3	10.5	6.99	4.21	2.44	1.89	1.53	1.260	0.879	0.736	0.386
1.85V	13.6	10.5	8.8	6.02	3.79	2.25	1.77	1.44	1.180	0.831	0.696	0.382

