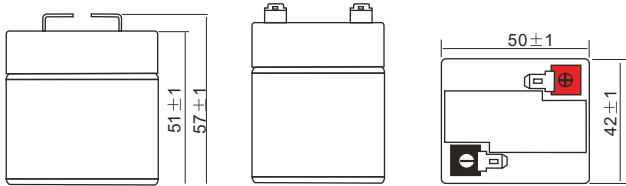


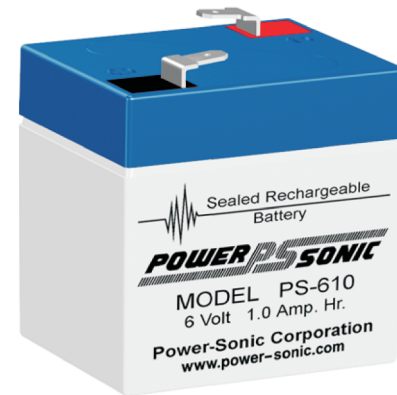
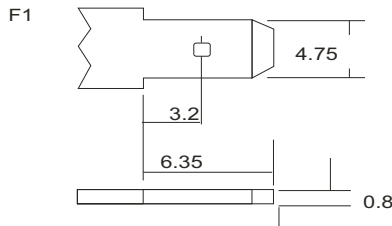


PS-610 6V 1.0AH

Dimensions (mm)



Standard Terminal (mm)



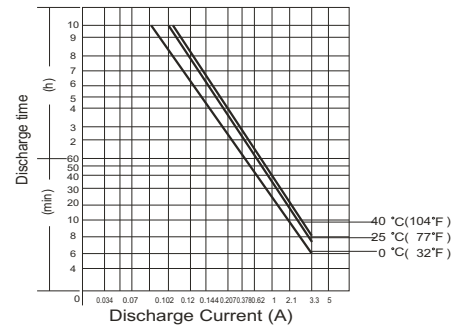
Physical Specification

Nominal Voltage		6V
Nominal Capacity (20HR)		1.0AH
Dimension	Length	50 ± 1mm
	Width	42 ± 1mm
	Container Height	51 ± 1mm
	Total Height (with Terminal)	57 ± 1mm
Weight		Approx 0.28kg
Standard Terminal		F1

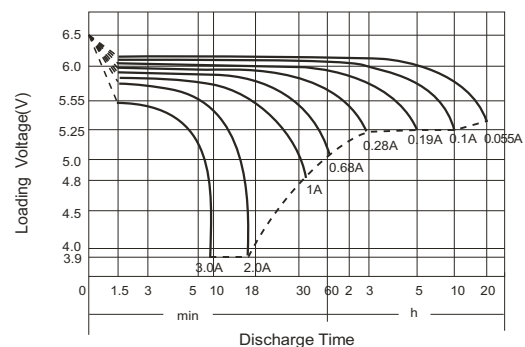
Electrical Specification

Rated Capacity	20 hour rate (55mA)	1.1AH	Constant-Voltage	Cycle	Initial Charging Current less than 0.3A. Voltage 7.20V- 7.50V at 25°C (77°F) Temp. Coefficient -15mV/°C
	10 hour rate (100mA)	1.0AH			
	5 hour rate (190mA)	0.95AH			
	1 hour rate (680mA)	0.68AH			
	15minute rate (216A)	0.54AH			
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%			

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	3.86	2.62	1.94	1.15	0.65	0.37	0.282	0.226	0.185	0.121	0.101	0.052
1.67V	3.33	2.34	1.76	1.07	0.62	0.36	0.268	0.215	0.176	0.119	0.098	0.052
1.70V	3.17	2.24	1.71	1.03	0.61	0.35	0.262	0.212	0.174	0.118	0.097	0.051
1.75V	2.88	2.05	1.60	0.99	0.59	0.34	0.255	0.207	0.172	0.117	0.097	0.051
1.80V	2.56	1.87	1.46	0.96	0.56	0.32	0.250	0.202	0.166	0.115	0.096	0.050
1.85V	1.90	1.46	1.21	0.81	0.50	0.30	0.233	0.189	0.154	0.108	0.090	0.050

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	19.2	13.4	10.2	6.29	3.67	2.11	1.61	1.30	1.070	0.710	0.593	0.310
1.67V	17.1	12.3	9.4	5.90	3.53	2.04	1.55	1.25	1.024	0.700	0.582	0.307
1.70V	16.4	11.8	9.2	5.73	3.47	2.01	1.52	1.23	1.015	0.695	0.576	0.304
1.75V	15.3	11.1	8.7	5.54	3.38	1.94	1.48	1.20	1.003	0.686	0.571	0.299
1.80V	13.9	10.2	8.1	5.38	3.24	1.88	1.46	1.18	0.969	0.676	0.566	0.297
1.85V	10.4	8.1	6.8	4.63	2.92	1.73	1.36	1.11	0.907	0.639	0.536	0.294



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