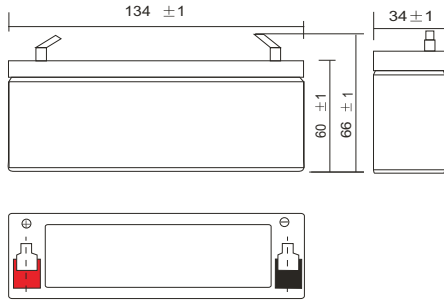


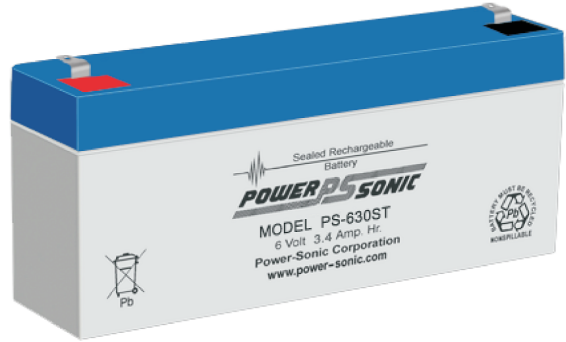
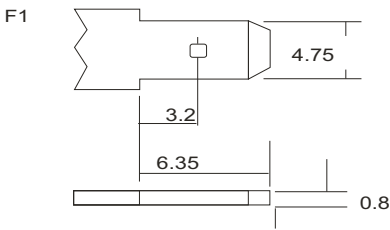


**PS-630ST 6V 3.4AH**

**Dimensions (mm)**



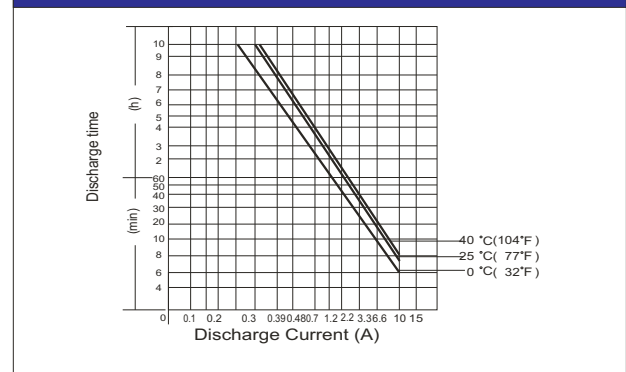
**Standard Terminal (mm)**



**Physical Specification**

Nominal Voltage		6V
Nominal Capacity (20HR)		3.4AH
Dimension	Length	134 ± 1mm
	Width	34 ± 1mm
	Container Height	60 ± 1mm
	Total Height (with Terminal)	66 ± 1mm
Weight		Approx 0.62g
Standard Terminal		F1

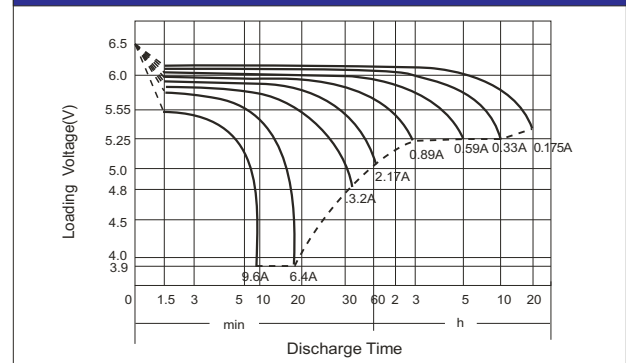
**Discharging Current & Discharge Duration Time**



**Electrical Specification**

Rated Capacity	20 hour rate (175mA)	3.5AH	Constant-Voltage	Cycle	Initial Charging Current less than 0.96A. Voltage 7.20V-7.50V at 25°C (77°F) Temp. Coefficient -15mV/°C
	10 hour rate (330mA)	3.3AH			
	5 hour rate (590mA)	2.95AH			
	1 hour rate (2.17A)	2.17AH			
	15 minute rate (6.86A)	1.71AH			
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	13.10	8.91	6.60	3.91	2.21	1.26	0.96	0.77	0.629	0.412	0.342	0.178
1.67V	11.30	7.96	5.99	3.63	2.11	1.21	0.91	0.73	0.599	0.405	0.335	0.176
1.70V	10.80	7.61	5.80	3.51	2.07	1.19	0.89	0.72	0.593	0.402	0.331	0.175
1.75V	9.80	6.98	5.44	3.37	2.00	1.14	0.87	0.70	0.585	0.396	0.328	0.172
1.80V	8.69	6.35	4.98	3.25	1.92	1.10	0.85	0.69	0.563	0.389	0.325	0.170
1.85V	6.47	4.97	4.12	2.75	1.71	1.01	0.79	0.64	0.525	0.367	0.307	0.168

**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	65.3	45.5	34.6	21.4	12.5	7.19	5.49	4.43	3.639	2.414	2.015	1.052
1.67V	58.0	41.7	32.1	20.1	12.0	6.93	5.26	4.24	3.482	2.380	1.978	1.045
1.70V	55.7	40.1	31.2	19.5	11.8	6.84	5.15	4.18	3.452	2.364	1.959	1.035
1.75V	52.0	37.6	29.7	18.8	11.5	6.60	5.02	4.08	3.412	2.334	1.943	1.018
1.80V	47.2	34.8	27.5	18.3	11.0	6.39	4.95	4.01	3.295	2.299	1.925	1.009
1.85V	35.5	27.6	23.1	15.7	9.92	5.89	4.62	3.77	3.085	2.174	1.821	1.000

