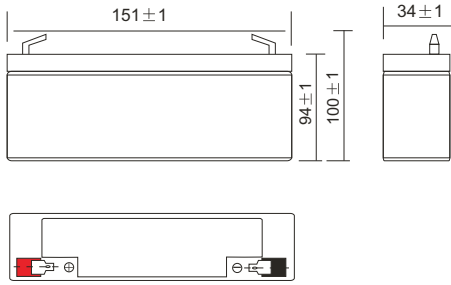


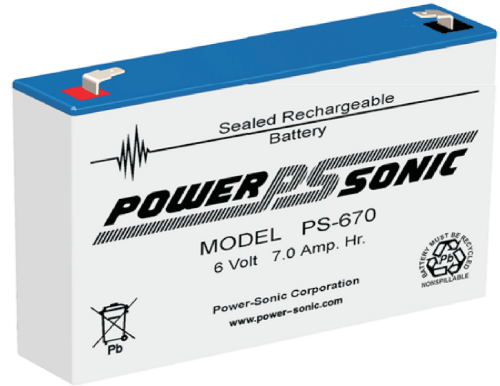
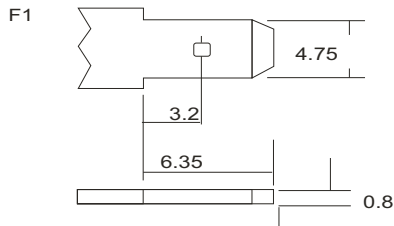


**PS-670 6V 7.0AH**

**Dimensions (mm)**



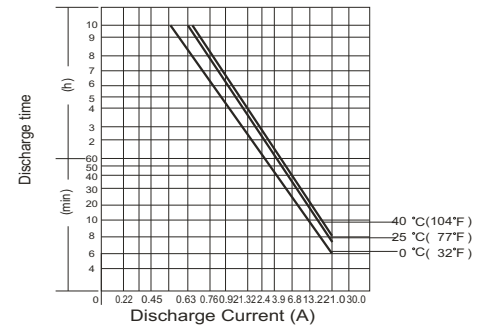
**Standard Terminal (mm)**



**Physical Specification**

Nominal Voltage		6V
Nominal Capacity (20HR)		7AH
Dimension	Length	151±1mm
	Width	34±1mm
	Container Height	94±1mm
	Total Height (with Terminal)	100±1mm
Weight		Approx 1.26kg
Standard Terminal		F1

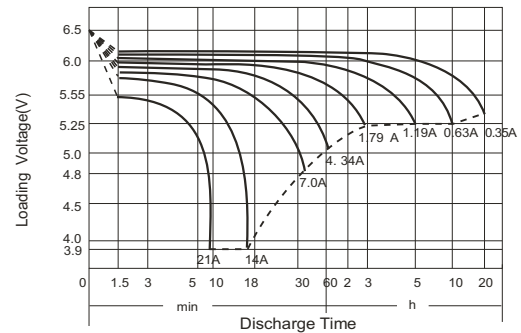
**Discharging Current & Discharge Duration Time**



**Electrical Specification**

Rated Capacity	20 hour rate (350mA)	7.0AH	Constant-Voltage	Cycle	Initial Charging Current less than 2.1A. Voltage 7.20V~ 7.50V at 25°C (77°F) Temp. Coefficient -15mV/°C
	10 hour rate (630mA)	6.3AH			
	5 hour rate (1.19 A)	5.95AH			
	1 hour rate (4.34A)	4.34AH			
	15 minute rate (13.72A)	3.43AH			
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	27.0	18.4	13.60	8.05	4.55	2.60	1.97	1.58	1.30	0.85	0.70	0.367
1.67V	23.3	16.4	12.30	7.47	4.34	2.49	1.88	1.51	1.23	0.83	0.69	0.363
1.70V	22.2	15.7	11.90	7.23	4.26	2.45	1.83	1.48	1.22	0.83	0.68	0.360
1.75V	20.2	14.4	11.20	6.94	4.13	2.36	1.79	1.45	1.20	0.82	0.68	0.354
1.80V	17.9	13.1	10.20	6.69	3.94	2.27	1.75	1.41	1.16	0.80	0.67	0.350
1.85V	13.3	10.2	8.48	5.67	3.52	2.08	1.63	1.32	1.08	0.76	0.63	0.347

**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	134.4	93.6	71.3	44.0	25.70	14.8	11.3	9.13	7.49	4.97	4.15	2.17
1.67V	119.5	85.9	66.0	41.3	24.70	14.3	10.8	8.72	7.17	4.90	4.07	2.15
1.70V	114.7	82.5	64.3	40.1	24.30	14.1	10.6	8.61	7.11	4.87	4.03	2.13
1.75V	107.2	77.5	61.0	38.8	23.60	13.6	10.3	8.40	7.02	4.80	4.00	2.10
1.80V	97.1	71.6	56.6	37.7	22.70	13.1	10.2	8.25	6.78	4.73	3.96	2.08
1.85V	73.1	56.7	47.5	32.4	20.43	12.1	9.52	7.76	6.35	4.48	3.75	2.06

