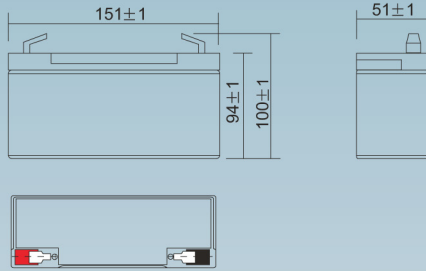
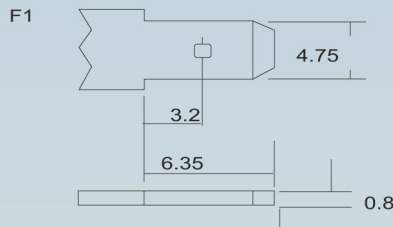


## PS Range (VRLA 5yr Life)

### Dimensions (mm)



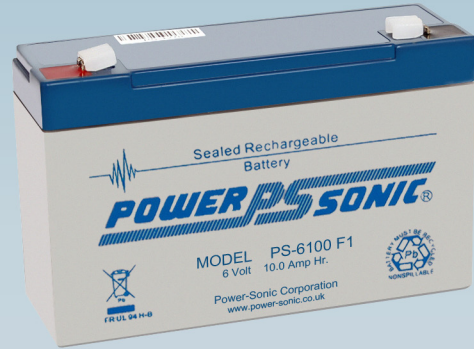
### Standard terminal (mm)



### Physical Specification

Nominal Voltage		6V
Nominal Capacity		10.0AH
Dimension	Length	151 ± 2 mm
	Width	51 ± 2 mm
	Container Height	94 ± 2 mm
	Total Height (with terminal)	100 ± 2 mm
Weight		Approx 1.80kg
Standard Terminal		F1

## PS-6100 6V 10AH



### Discharge Characteristics (25°C, 77°F)

Rated Capacity	20hr Rate (0.50A)	10.0AH	Constant Voltage Charge Cycle	Initial Charging Current Less than 2.50A Voltage 7.20V ~ 7.50V at 25°C (77°F)
	10hr Rate (0.96A)	9.6AH		
Capacity Affected by Temperature	8hr Rate (1.17A)	9.36AH	Standby	Recommended Charge Current less than 2.50A Voltage 6.75V ~ 6.90V at 25°C (77°F)
	5hr Rate (1.72A)	10.32AH		
	1hr Rate (6.51A)	6.51AH		
Capacity Affected by Temperature	40°C (104°F)	103%	Standby	Recommended Charge Current less than 2.50A Voltage 6.75V ~ 6.90V at 25°C (77°F)
	25°C (77°F)	100%		
	0°C (32°F)	86%		

### Internal Resistances m0hms

15.0 m0hms

### Constant Current Discharge Characteristics Unit: Amperes (25°C, 77°F)

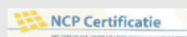
F.V/Time	5MIN	10MIN	15MIN	20MIN	30MIN	45MIN	1HR	2HR	3HR	4HR	5HR	6HR	8HR	10HR	20HR	24HR	48HR	72HR	100HR
1.60V	38.6	26.2	19.40	15.80	11.50	8.00	6.51	3.72	2.82	2.26	1.85	1.57	1.21	1.01					
1.67V	33.3	23.4	17.60	14.50	10.70	7.58	6.20	3.56	2.68	2.15	1.76	1.52	1.19	0.98					
1.70V	31.7	22.4	17.10	14.00	10.30	7.49	6.08	3.50	2.62	2.12	1.74	1.51	1.18	0.97					
1.75V	28.8	20.5	16.00	13.30	9.92	7.20	5.89	3.37	2.55	2.07	1.72	1.48	1.17	0.97	0.505	0.436	0.230	0.159	0.116
1.80V	25.6	18.7	14.60	12.40	9.56	6.94	5.63	3.25	2.50	2.02	1.66	1.44	1.15	0.96	0.500	0.432	0.228	0.157	0.115
1.85V	19.0	14.6	12.11	10.50	8.10	5.97	5.03	2.97	2.33	1.89	1.54	1.34	1.08	0.90	0.495	0.425	0.225	0.154	0.113

### Constant Power Discharge Characteristics Unit: Watts (25°C, 77°F)

F.V/Time	5MIN	10MIN	15MIN	20MIN	30MIN	45MIN	1HR	2HR	3HR	4HR	5HR	6HR	8HR	10HR	20HR	24HR	48HR	72HR	100HR
1.60V	192.0	133.7	101.9	85.2	62.9	44.5	36.7	21.1	16.1	13.0	10.70	9.13	7.10	5.93					
1.67V	170.6	122.7	94.4	79.4	59.0	42.6	35.3	20.4	15.5	12.5	10.24	8.87	7.00	5.82					
1.70V	163.9	117.9	91.8	76.7	57.3	42.3	34.7	20.1	15.2	12.3	10.15	8.81	6.95	5.76					
1.75V	153.1	110.6	87.2	73.5	55.4	40.8	33.8	19.4	14.8	12.0	10.03	8.64	6.86	5.71	2.99	2.62	1.39	0.959	0.704
1.80V	138.7	102.3	80.8	69.0	53.8	39.7	32.4	18.8	14.6	11.8	9.69	8.44	6.76	5.66	2.97	2.60	1.38	0.952	0.697
1.85V	104.5	81.0	67.8	59.2	46.3	34.4	29.2	17.3	13.6	11.1	9.07	7.90	6.39	5.36	2.94	2.57	1.37	0.937	0.686



Vds No G103033



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