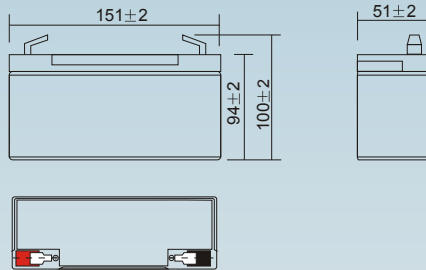


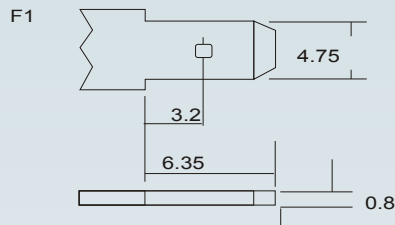
PS Range

(5yr Design Life in Float Service at 20°C)

Dimensions (mm)



Standard terminal (mm)



Physical Specification

Nominal Voltage		6V
Nominal Capacity (20HR)		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 1.95kg
Standard Terminal		F1

PS-6100 6V 10AH



Discharge Characteristics (25°C, 77°F)

Rated Capacity	20hr Rate(1.80V/cell) 10hr Rate(1.80V/cell) 5hr Rate(1.75V/cell) 3hr Rate(1.75V/cell) 1hr Rate(1.60V/cell)	10.00AH 9.60AH 8.60AH 7.65AH 6.51AH	Constant Voltage Charge	Cycle	Initial Charging Current Less than 2.50A Voltage 7.20V ~ 7.50V at 25°C (77°F)
Capacity Affected by Temperature	40°C (104°F) 25°C (77°F) 0°C (32°F)	103% 100% 86%		Standby	Recommended Charge Current less than 2.50A Voltage 6.75V ~ 6.90V at 25°C (77°F)

Internal Resistance mΩ

15.0 mΩ

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
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
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
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

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

F.V/Time	5MIN	10MIN	15MIN	20MIN	30MIN	45MIN	1HR	2HR	3HR	4HR	5HR	6HR	8HR	10HR	20HR
1.60V	64.0	44.6	34.0	28.4	21.0	14.8	12.2	7.0	5.4	4.3	3.6	3.0	2.4	2.0	
1.67V	56.9	40.9	31.5	26.5	19.7	14.2	11.8	6.8	5.2	4.2	3.4	3.0	2.3	1.9	
1.70V	54.6	39.3	30.6	25.6	19.1	14.1	11.6	6.7	5.1	4.1	3.4	2.9	2.3	1.9	
1.75V	51.0	36.9	29.1	24.5	18.5	13.6	11.3	6.5	4.9	4.0	3.3	2.9	2.3	1.9	1.0
1.80V	46.2	34.1	26.9	23.0	17.9	13.2	10.8	6.3	4.9	3.9	3.2	2.8	2.3	1.9	1.0
1.85V	34.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



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