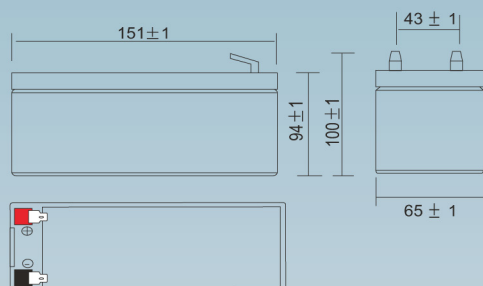
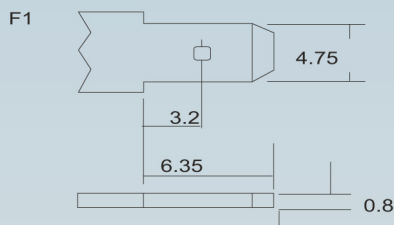


PS Range (VRLA 5yr Life)

Dimensions (mm)



Standard terminal (mm)



Physical Specification

Nominal Voltage Nominal Capacity		12V 7.0AH
Dimension	Length	151 ± 2 mm
	Width	65 ± 2 mm
	Container Height	94 ± 2 mm
	Total Height (with terminal)	100 ± 2 mm
Weight		Approx 2.25kg
Standard Terminal		F1

PS-1270 12V 7.0AH



Discharge Characteristics (25°C, 77°F)

Rated Capacity	20hr Rate (350mA) 10hr Rate (669mA) 8hr Rate (816mA) 5hr Rate (1.2A) 1hr Rate (4.55A)	7.0AH 6.69AH 6.53AH 6.00AH 4.55AH	Constant Voltage Charge	Cycle	Initial Charging Current Less than 1.75A Voltage 14.40V ~ 15.0V 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 1.75A Voltage 13.5V ~ 13.8V at 25°C (77°F)

Internal Resistances m0hms

23.0 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	27.0	18.4	13.60	11.10	8.05	5.60	4.55	2.60	1.97	1.58	1.30	1.10	0.848	0.704					
1.67V	23.3	16.4	12.30	10.20	7.47	5.30	4.34	2.49	1.88	1.51	1.23	1.06	0.833	0.689					
1.70V	22.2	15.7	12.00	9.80	7.23	5.24	4.26	2.45	1.83	1.48	1.22	1.05	0.827	0.682					
1.75V	20.2	14.4	11.20	9.32	6.94	5.04	4.13	2.36	1.79	1.45	1.20	1.03	0.816	0.676	0.354	0.305	0.161	0.111	0.081
1.80V	17.9	13.1	10.30	8.67	6.69	4.86	3.94	2.27	1.75	1.41	1.16	1.01	0.802	0.669	0.350	0.302	0.160	0.110	0.080
1.85V	13.3	10.2	8.48	7.33	5.67	4.18	3.52	2.08	1.63	1.32	1.08	0.94	0.756	0.631	0.347	0.297	0.157	0.108	0.079

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	268.7	187.2	142.6	119.2	88.1	62.3	51.4	29.6	22.6	18.3	15.0	12.8	9.94	8.30					
1.67V	238.9	171.8	132.1	111.1	82.6	59.6	49.4	28.6	21.6	17.4	14.3	12.4	9.80	8.14					
1.70V	229.4	165.0	128.5	107.3	80.3	59.2	48.6	28.2	21.2	17.2	14.2	12.3	9.73	8.07					
1.75V	214.3	154.9	122.1	102.9	77.6	57.1	47.3	27.2	20.7	16.8	14.0	12.1	9.61	8.00	4.19	3.67	1.95	1.343	0.985
1.80V	194.2	143.3	113.2	96.6	75.3	55.6	45.4	26.3	20.4	16.5	13.6	11.8	9.47	7.93	4.15	3.65	1.94	1.332	0.976
1.85V	146.2	113.5	94.9	82.9	64.8	48.2	40.9	24.3	19.0	15.5	12.7	11.1	8.95	7.50	4.12	3.61	1.92	1.312	0.960