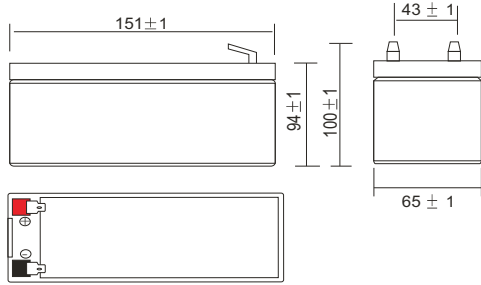


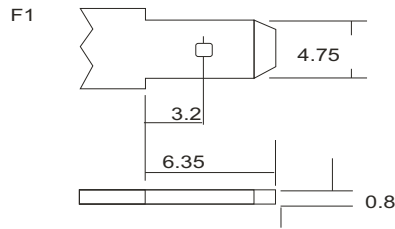


PS-1270 12V 7.0AH

Dimensions (mm)



Standard Terminal (mm)

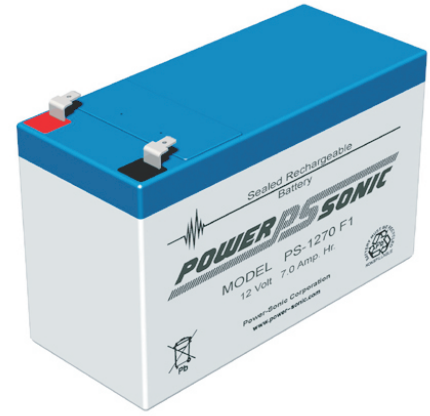


Physical Specification

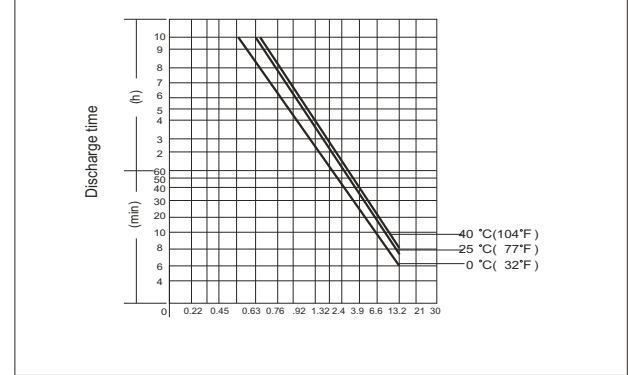
Nominal Voltage		12V
Nominal Capacity (20HR)		7AH
Dimension	Length	151 ±1mm
	Width	65 ±1mm
	Container Height	94 ±1mm
	Total Height (with Terminal)	100 ±1mm
Weight		Approx 2.54kg
Standard Terminal		F1

Electrical Specification

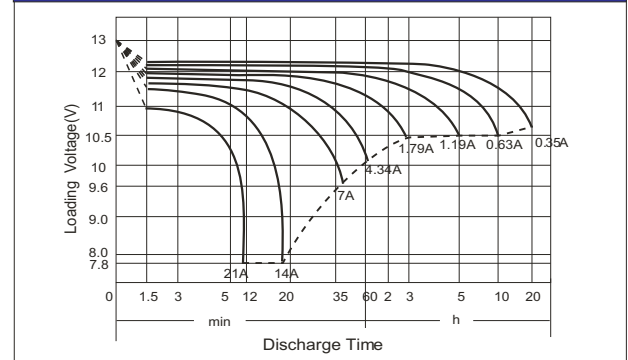
Rated Capacity	20 hour rate (350mA)	7.0AH	Constant-Voltage	Cycle	Initial Charging Current less than 2.1A. Voltage 14.4V~ 15.0V at 25°C (77°F) Temp. Coefficient -30mV/°C
	10 hour rate (630mA)	6.3AH			
	5 hour rate (1.19A)	5.5AH			
	1 hour rate (4.34A)	4.34AH			
Capacity affected by Temperature	40°C (104°F)	103%	Charge	Standby	No limit on Initial Charging Current Voltage 13.5V~13.8V at 25°C(77°F) Temp. Coefficient - 20mV/°C
	25°C (77°F)	100%			
	0°C (32°F)	86%			



Discharging Current & Discharge Duration Time



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	0.848	0.704	0.367
1.67V	23.3	16.4	12.30	7.47	4.34	2.49	1.88	1.51	1.23	0.833	0.689	0.363
1.70V	22.2	15.7	12.00	7.23	4.26	2.45	1.83	1.48	1.22	0.827	0.682	0.360
1.75V	20.2	14.4	11.20	6.94	4.13	2.36	1.79	1.45	1.20	0.816	0.676	0.354
1.80V	17.9	13.1	10.30	6.69	3.94	2.27	1.75	1.41	1.16	0.802	0.669	0.350
1.85V	13.3	10.2	8.48	5.67	3.52	2.08	1.63	1.32	1.08	0.756	0.631	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	268.7	187.2	142.6	88.1	51.4	29.6	22.6	18.3	15.00	9.94	8.30	4.33
1.67V	238.9	171.8	132.1	82.6	49.4	28.6	21.6	17.4	14.30	9.80	8.14	4.30
1.70V	229.4	165.0	128.5	80.3	48.6	28.2	21.2	17.2	14.20	9.73	8.07	4.26
1.75V	214.3	154.9	122.1	77.6	47.3	27.2	20.7	16.8	14.00	9.61	8.00	4.19
1.80V	194.2	143.3	113.2	75.3	45.4	26.3	20.4	16.5	13.60	9.47	7.93	4.15
1.85V	146.2	113.5	94.9	64.8	40.9	24.3	19.0	15.5	12.70	8.95	7.50	4.12



VdS No G103032

