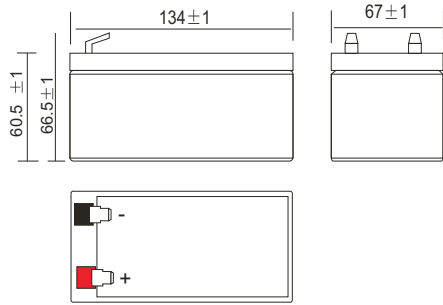


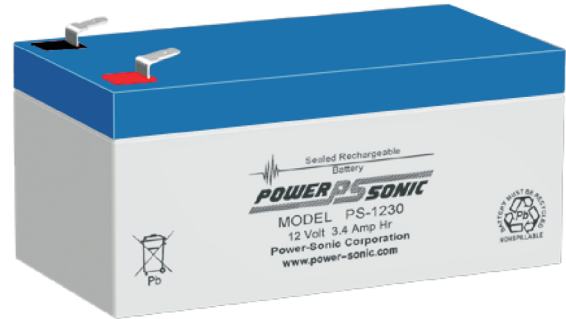
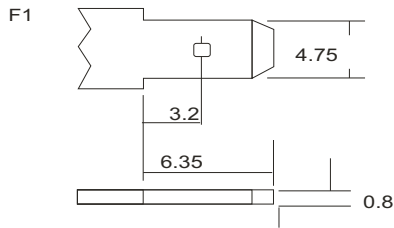


PS-1230 12V 3.4AH

Dimensions (mm)



Standard Terminal (mm)



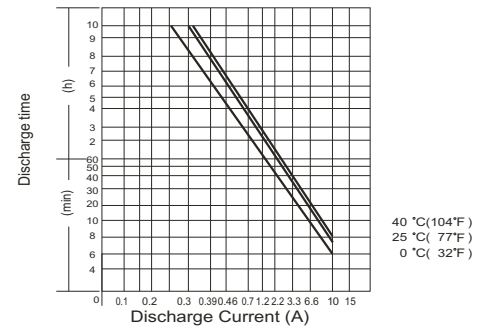
Physical Specification

Nominal Voltage		12V
Nominal Capacity (20HR)		3.4AH
Dimension	Length	134 ± 1mm
	Width	67 ± 1mm
	Container Height	60.5 ± 1mm
	Total Height (with Terminal)	66.5 ± 1mm
Weight		Approx 1.35kg
Standard Terminal		F1

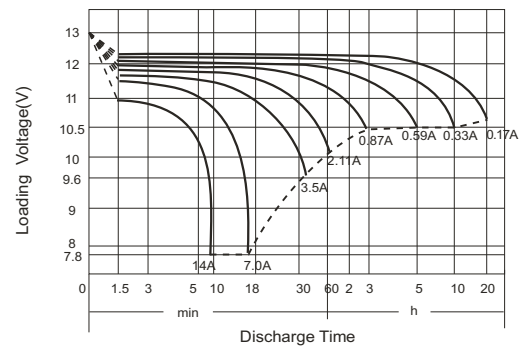
Electrical Specification

Rated Capacity	20 hour rate (170mA)	3.4AH	Cycle	Initial Charging Current less than 0.96A. Voltage 14.4V~ 15.0V at 25°C (77°F) Temp. Coefficient -30mV/°C
	10 hour rate (328mA)	3.3AH		
	5 hour rate (585mA)	2.90AH		
	1 hour rate (2.11A)	2.11AH		
Capacity affected by Temperature	40°C (104°F)	103%	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	13.12	8.91	6.60	3.91	2.21	1.26	0.957	0.769	0.629	0.412	0.342	0.178
1.67V	11.32	7.96	5.99	3.63	2.11	1.21	0.911	0.731	0.599	0.405	0.335	0.176
1.70V	10.79	7.61	5.80	3.51	2.07	1.19	0.891	0.721	0.593	0.402	0.331	0.175
1.75V	9.80	6.98	5.44	3.37	2.00	1.14	0.867	0.702	0.585	0.396	0.328	0.172
1.80V	8.69	6.35	4.98	3.25	1.92	1.10	0.851	0.687	0.563	0.389	0.325	0.170
1.85V	6.47	4.97	4.12	2.75	1.71	1.01	0.791	0.643	0.525	0.367	0.307	0.168

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	130.5	90.9	69.3	42.8	25.0	14.4	11.0	8.86	7.28	4.83	4.03	2.105
1.67V	116.0	83.5	64.2	40.1	24.0	13.9	10.5	8.47	6.96	4.76	3.96	2.089
1.70V	111.4	80.1	62.4	39.0	23.6	13.7	10.3	8.37	6.90	4.73	3.92	2.070
1.75V	104.1	75.2	59.3	37.7	23.0	13.2	10.0	8.16	6.82	4.67	3.89	2.035
1.80V	94.3	69.6	55.0	36.6	22.0	12.8	9.89	8.01	6.59	4.60	3.85	2.018
1.85V	71.0	55.1	46.1	31.5	19.8	11.8	9.25	7.54	6.17	4.35	3.64	2.000

