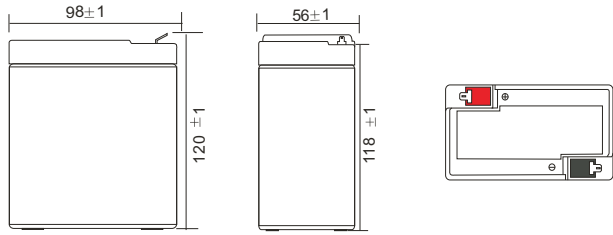


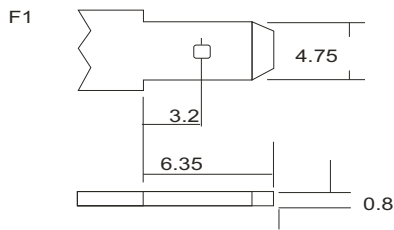


PS-682 6V 8.0AH

Dimensions (mm)



Standard Terminal (mm)



Physical Specification

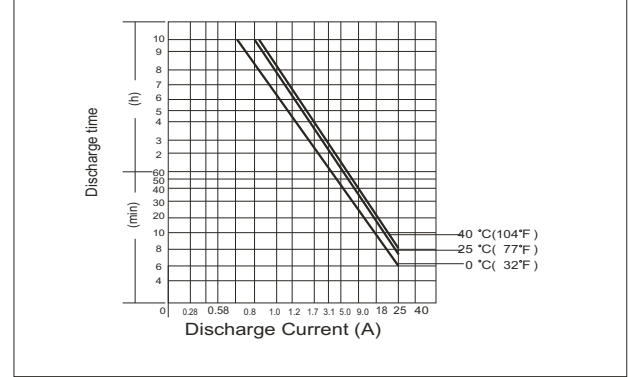
Nominal Voltage		6V
Nominal Capacity (20HR)		8AH
Dimension	Length	98 ± 1mm
	Width	56 ± 1mm
	Container Height	118 ± 1mm
	Total Height (with Terminal)	120 ± 1mm
Weight		Approx 1.52kg
Standard Terminal		F1

Electrical Specification

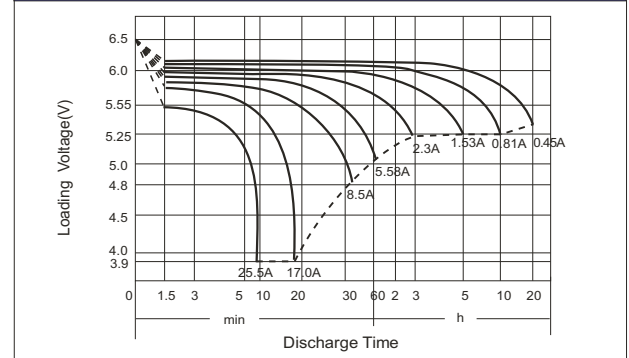
Rated Capacity	20 hour rate (450mA)	9.0AH	Constant-Voltage	Cycle	Initial Charging Current less than 2.55A. Voltage 7.20V~ 7.50V at 25°C (77°F) Temp. Coefficient -15mV/°C
	10 hour rate (810mA)	8.1AH			
	5 hour rate (1.53A)	7.65AH			
	1 hour rate (5.58A)	5.58AH			
	15 minute rate (17.6A)	4.4AH			
Capacity affected by Temperature	40°C (104°F)	103%	Charge	Standby	No limit on Initial Charging Current Voltage 6.75V~6.90V at 25°C(77°F) Temp. Coefficient -10mV/°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	30.9	21.0	15.50	9.20	5.21	2.97	2.25	1.81	1.48	0.97	0.80	0.419
1.67V	26.6	18.7	14.10	8.54	4.96	2.85	2.14	1.72	1.41	0.95	0.79	0.415
1.70V	25.4	17.9	13.70	8.26	4.86	2.80	2.10	1.70	1.39	0.95	0.78	0.411
1.75V	23.1	16.4	12.80	7.94	4.71	2.69	2.04	1.65	1.38	0.93	0.77	0.404
1.80V	20.4	14.9	11.70	7.64	4.51	2.60	2.00	1.62	1.32	0.92	0.76	0.400
1.85V	15.2	11.7	9.69	6.48	4.02	2.38	1.86	1.51	1.23	0.86	0.72	0.396

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	153.6	107.0	81.5	50.3	29.40	16.9	12.90	10.43	8.56	5.68	4.74	2.48
1.67V	136.5	98.2	75.5	47.2	28.20	16.3	12.40	9.97	8.19	5.60	4.65	2.46
1.70V	131.1	94.3	73.4	45.9	27.80	16.1	12.10	9.84	8.12	5.56	4.61	2.44
1.75V	122.5	88.5	69.8	44.3	27.00	15.5	11.80	9.60	8.03	5.49	4.57	2.39
1.80V	111.0	81.9	64.7	43.0	25.90	15.0	11.60	9.42	7.75	5.41	4.53	2.37
1.85V	83.6	64.8	54.3	37.0	23.35	13.9	110.88	8.87	7.26	5.12	4.28	2.35

