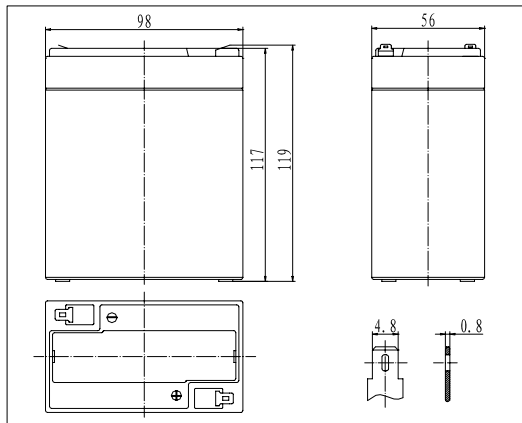


**Dimensions**



**Specifications**

Nominal Voltage		6 V
Capacity(20HR, 25°C)		8 Ah
Dimension	Length	98mm (3.86inch)
	Width	56mm (2.20inch)
	Height	117mm (4.61inch)
	Total Height	119mm (4.69inch)
Approx. Weight		1.35kg (2.95lbs)
Internal resistance (Fully charged, 25°C)		Approx. 13mΩ
Capacity affected by temperature (20HR)	40°C	102%
	25°C	100%
	0°C	85%
	-15°C	65%
Self-discharge (25°C)	3 month	Remaining Capacity: 91%
	6 month	Remaining Capacity: 82%
	12 month	Remaining Capacity: 65%
Nominal operating temperature		25°C ± 3°C (77°F ± 5°F)
Operating temperature range		-15°C ~ 50°C (5°F ~ 122°F)
Float charging voltage(25°C)		6.80 to 6.90V
Cyclic charging voltage(25°C)		7.25 to 7.45V
Maximum charging current		2.4A
Terminal material		Copper
Maximum discharge current		120A(5 sec.)

- ◆ Absorbent glass mat technology;
- ◆ Recognized by UL & CE;
- ◆ ABS container.

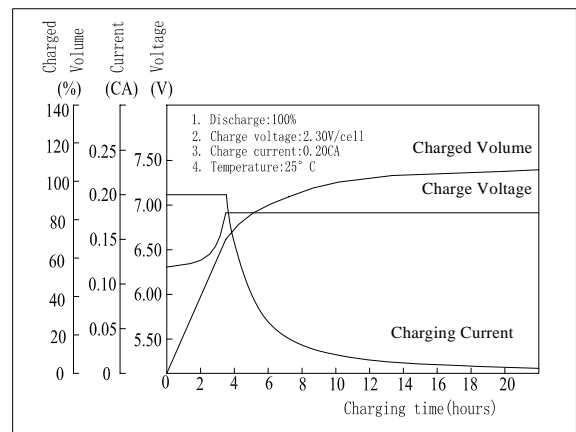
**Constant Current Discharge Characteristics (A, 25°C)**

F.V/TIME	5min	10min	15min	30min	60min	3h	5h	10h	20h
4.80V	33.0	21.5	16.0	9.35	5.50	2.13	1.36	0.77	0.41
5.10V	31.4	20.4	15.4	8.98	5.28	2.10	1.34	0.76	0.40
5.40V	29.5	19.2	14.6	8.53	5.02	2.06	1.31	0.76	0.40

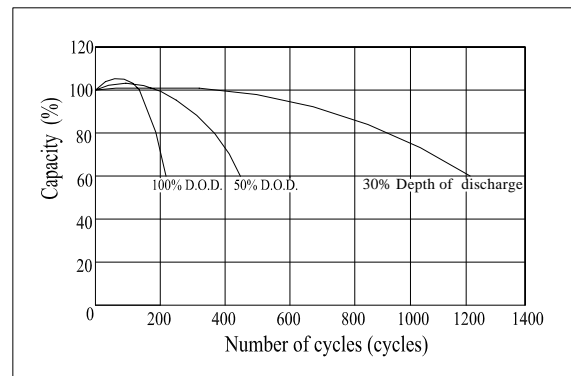
**Constant Power Discharge Characteristics (Watt, 25°C)**

F.V/TIME	5min	10min	15min	30min	60min	3h	5h	10h	20h
4.80V	184	121	91.2	53.6	31.8	12.7	8.12	4.63	2.44
5.10V	175	115	87.6	51.4	30.6	12.5	8.00	4.59	2.41
5.40V	164	108	83.2	48.9	29.0	12.2	7.84	4.59	2.40

**Charging Characteristics(25°C)**



**Cycle Life(25°C)**



Note: Floating life at 20°C designed for 3 to 5 years.