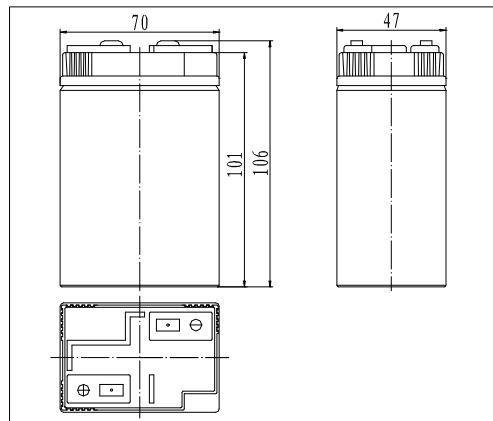
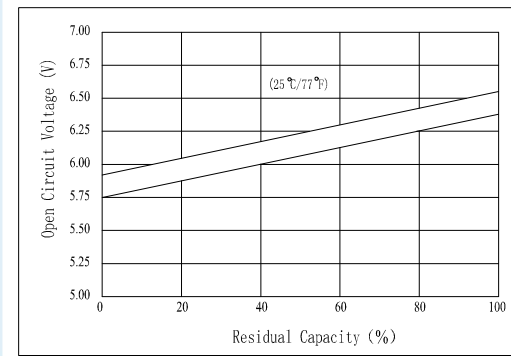


**Dimensions**



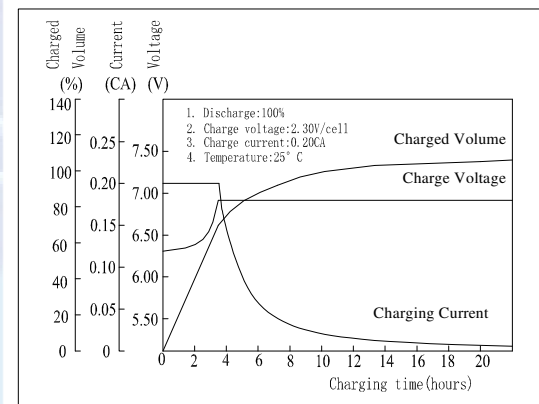
**The Relationship for Open Circuit Voltage and Residual Capacity (25°C)**



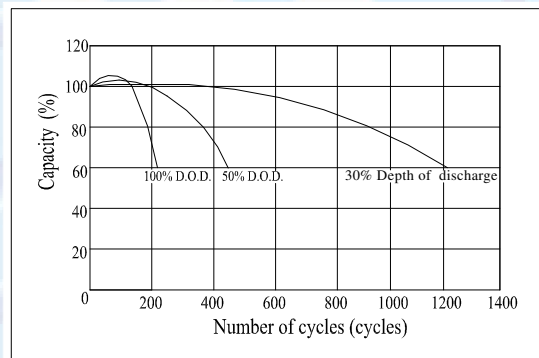
**Specifications**

Nominal Voltage		6 V
Capacity(20HR, 25°C)		5 Ah
Dimension	Length	70mm (2.76inch)
	Width	47mm (1.85inch)
	Height	101mm (3.98inch)
	Total Height	106mm (4.17inch)
Approx. Weight		0.75kg (1.65lbs)
Internal resistance (Fully charged, 25°C)		Approx. 25mΩ
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		1.35A
Terminal material		Copper
Maximum discharge current		67.5A(5 sec.)

**Charging Characteristics(25°C)**



**Cycle Life(25°C)**



- AGM and VRLA technology;
- Recognized by UL & CE;
- ABS container. Orange, Blue or Black Color

Note: Floating life at 20°C designed for 10 years.

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

F.V/TIME	5min	10min	15min	30min	60min	3h	5h	10h	20h
4.80V	16.7	10.4	8.10	4.86	2.79	1.07	0.75	0.42	0.228
5.10V	15.8	9.83	7.78	4.67	2.68	1.06	0.74	0.41	0.226
5.40V	14.9	9.24	7.39	4.43	2.54	1.04	0.73	0.41	0.225

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

F.V/TIME	5min	10min	15min	30min	60min	3h	5h	10h	20h
4.80V	92.9	58.4	46.2	27.8	16.2	6.38	4.50	2.49	1.37
5.10V	88.3	55.5	44.3	26.7	15.5	6.28	4.43	2.47	1.36
5.40V	83.0	52.1	42.1	25.4	14.7	6.16	4.34	2.47	1.35