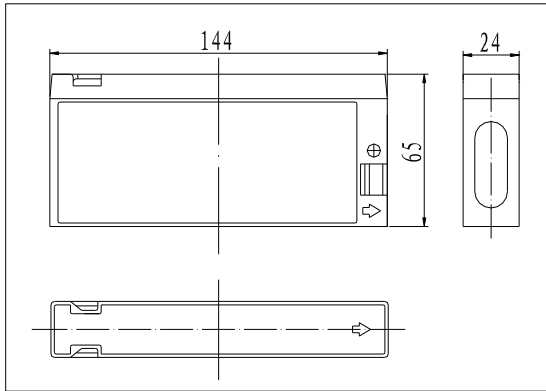
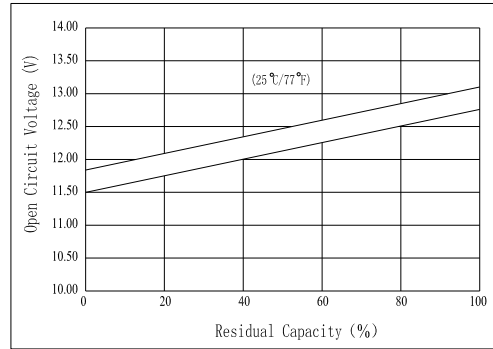


Dimensions



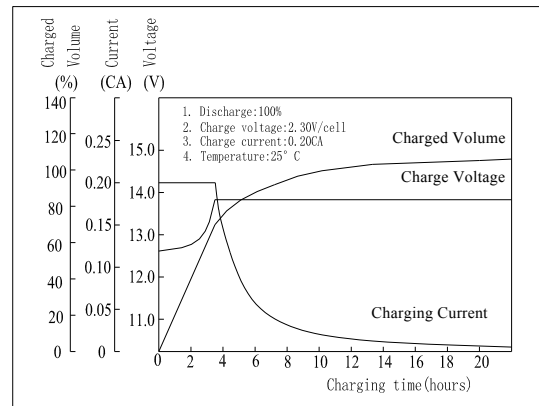
The Relationship for Open Circuit Voltage and Residual Capacity (25°C)



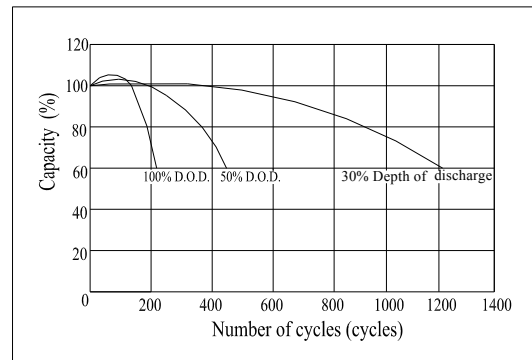
Specifications

Nominal Voltage		12 V
Capacity(20HR, 25°C)		2 Ah
Dimension	Length	144mm (5.67inch)
	Width	24mm (0.94inch)
	Height	65mm (2.56inch)
	Total Height	65mm (2.56inch)
Approx. Weight		0.60kg (1.32lbs)
Internal resistance (Fully charged, 25°C)		Approx. 150m Ω
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)		13.60 to 13.80V
Cyclic charging voltage(25°C)		14.50 to 14.90V
Maximum charging current		0.6A
Terminal material		Copper
Maximum discharge current		10A(5 sec.)

Charging Characteristics(25°C)



Cycle Life(25°C)



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

- ◆ 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
9.60V	6.70	4.15	3.35	2.05	1.20	0.46	0.32	0.18	0.10
10.2V	6.37	3.94	3.22	1.97	1.15	0.45	0.32	0.18	0.10
10.8V	5.98	3.71	3.06	1.87	1.09	0.44	0.31	0.18	0.10

Constant Power Discharge Characteristics (Watt, 25°C)

F.V/TIME	5min	10min	15min	30min	60min	3h	5h	10h	20h
9.60V	74.8	46.8	38.2	23.5	13.9	5.43	3.88	2.19	1.22
10.2V	71.0	44.5	36.7	22.6	13.3	5.35	3.82	2.17	1.21
10.8V	66.8	41.8	34.8	21.4	12.7	5.23	3.74	2.17	1.20