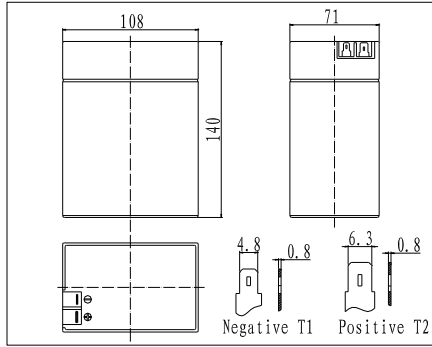
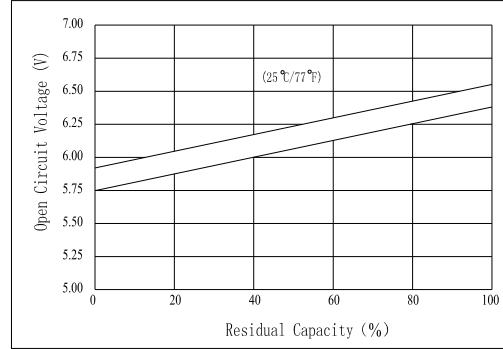


Dimensions



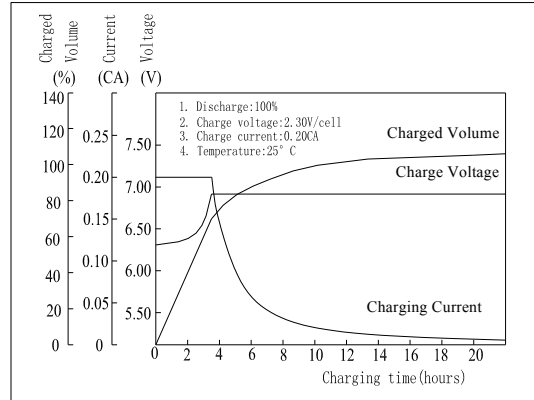
The Relationship for Open Circuit Voltage and Residual Capacity (25°C)



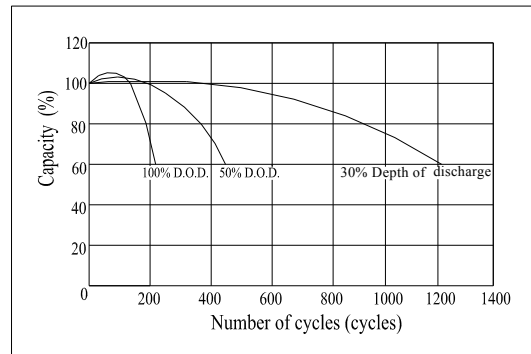
Specifications

Nominal Voltage		6 V
Capacity(20HR, 25°C)		14Ah
Dimension	Length	108mm (4.25inch)
	Width	71mm (2.80inch)
	Height	140mm (5.51inch)
	Total Height	140mm (5.51inch)
Approx. Weight		2.35kg (5.18lbs)
Internal resistance (Fully charged, 25°C)		Approx. 12mΩ
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		4.2A
Terminal material		Copper
Maximum discharge current		210A(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
4.80V	--	--	--	--	9.80	3.65	2.54	1.37	0.71
5.10V	--	--	--	--	9.41	3.60	2.50	1.36	0.70
5.40V	--	--	--	--	8.94	3.53	2.45	1.35	0.70

Constant Power Discharge Characteristics (Watt, 25°C)

F.V/TIME	5min	10min	15min	30min	60min	3h	5h	10h	20h
4.80V	--	--	--	--	56.7	21.7	15.1	8.22	4.26
5.10V	--	--	--	--	54.5	21.4	14.9	8.15	4.23
5.40V	--	--	--	--	51.7	21.0	14.6	8.15	4.20