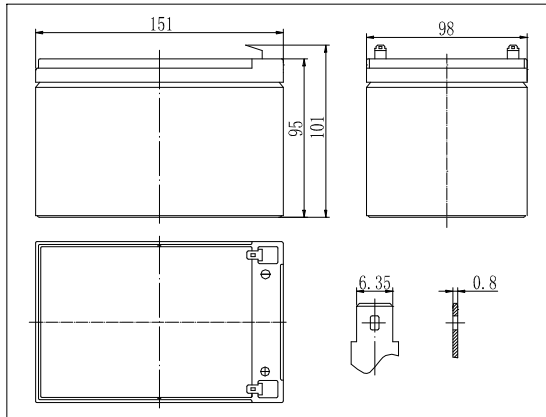
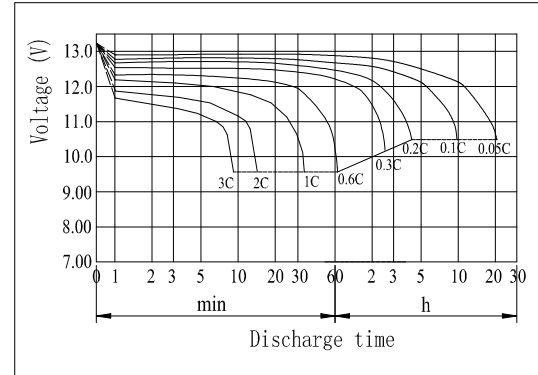
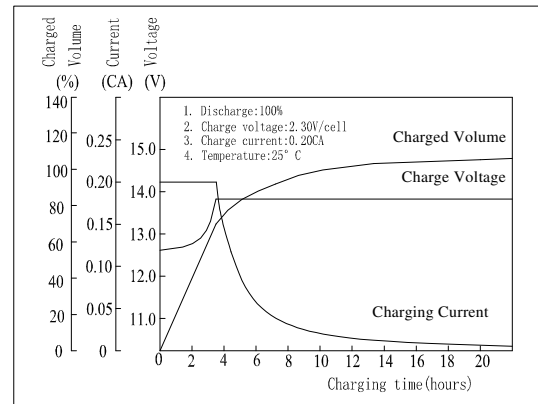
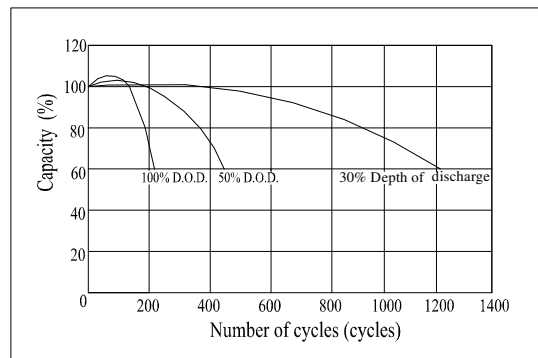


Dimensions**Discharge Characteristics(25°C)****Specifications**

Nominal Voltage		12 V
Capacity(20HR, 25°C)		12 Ah
Dimension	Length	151mm (5.94inch)
	Width	98mm (3.86inch)
	Height	95mm (3.74inch)
	Total Height	101mm (3.98inch)
Approx. Weight		4.2kg (9.26lbs)
Internal resistance (Fully charged, 25°C)		Approx. 17m 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		4.8A
Terminal material		Copper
Maximum discharge current		180A(5 sec.)

- ◆ Absorbent glass mat technology;
- ◆ Recognized by UL & CE;
- ◆ Flame retardant ABS container (UL94V-0/ 94V-2).

Charging Characteristics(25°C)**Cycle Life(25°C)**

Note: Floating life at 25°C designed for 3 to 5 years.

Constant Current Discharge Characteristics (A, 25°C)

F.V/TIME	5min	10min	15min	30min	60min	3h	5h	10h	20h
9.60V	46.0	31.0	24.5	13.5	7.80	3.18	2.09	1.14	0.61
10.2V	43.7	29.5	23.5	13.0	7.49	3.12	2.05	1.13	0.61
10.8V	41.0	27.7	22.3	12.3	7.11	3.06	2.00	1.10	0.59

Constant Power Discharge Characteristics (Watt, 25°C)

F.V/TIME	5min	10min	15min	30min	60min	3h	5h	10h	20h
9.60V	513	350	279	155	90.3	37.8	25.0	13.7	7.32
10.2V	488	333	266	149	86.7	37.1	24.5	13.6	7.32
10.8V	458	312	250	141	82.3	36.0	23.9	13.2	7.08