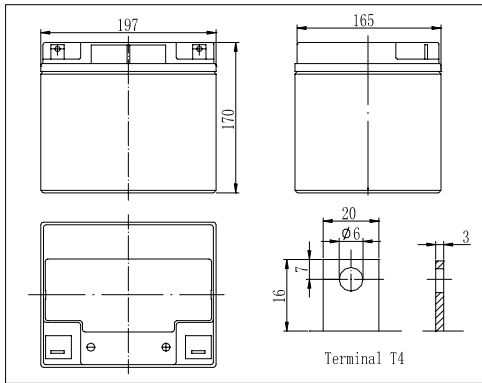
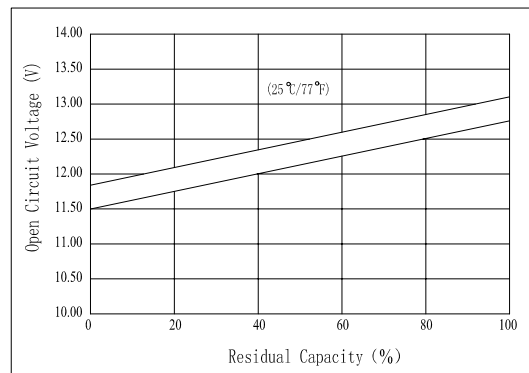


Dimensions



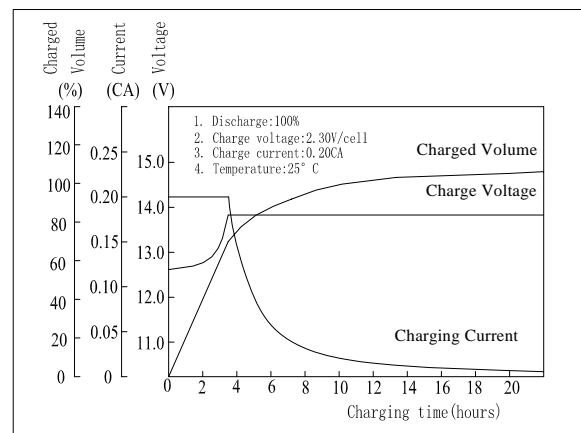
The Relationship for Open Circuit Voltage and Residual Capacity (25°C)



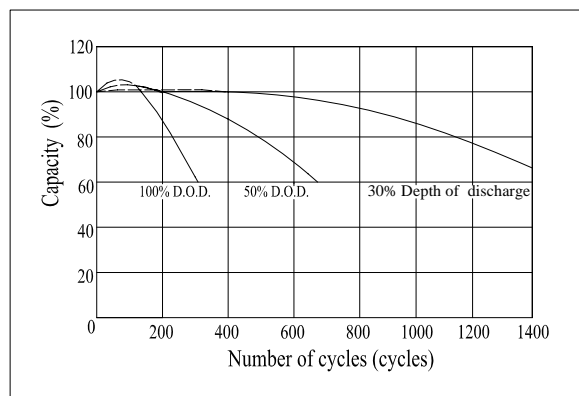
Specifications

Nominal Voltage		12 V
Capacity(10HR, 25°C)		40Ah
Dimension	Length	197mm (7.76inch)
	Width	165mm (6.50inch)
	Height	170mm (6.69inch)
	Total Height	170mm (6.69inch)
Approx. Weight		13.8kg (30.4lbs)
Internal resistance (Fully charged, 25°C)		Approx.10.5m Ω
Capacity affected by temperature (10HR)	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)		13.50 to 13.80V
Cyclic charging voltage(25°C)		14.10 to 14.40V
Maximum charging current		10A
Terminal material		Copper
Maximum discharge current		400A(5 sec.)

Charging Characteristics(25°C)



Cycle Life(25°C)



Note: Floating life at 20°C designed for 12 years.

- ◆ Gelled electrolyte technology;
- ◆ AGM separator;
- ◆ 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	86.4	66.0	60.8	39.2	24.8	9.74	6.66	4.06	2.09
10.2V	82.1	62.7	58.4	37.6	23.8	9.60	6.56	4.02	2.07
10.8V	77.2	58.9	55.4	35.8	22.6	9.41	6.43	4.00	2.06

Constant Power Discharge Characteristics (Watt, 25°C)

F.V/TIME	5min	10min	15min	30min	60min	3h	5h	10h	20h
9.60V	907	713	668	440	283	115	78.7	48.5	25.1
10.2V	862	677	641	422	271	113	77.5	48.0	24.9
10.8V	810	637	609	401	258	111	76.0	47.8	24.7

Note: we can produce other type gelled batteries according with clients requirements.