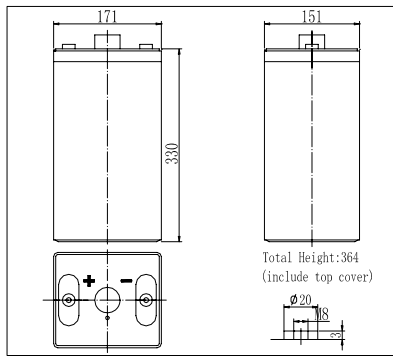


**Dimensions**

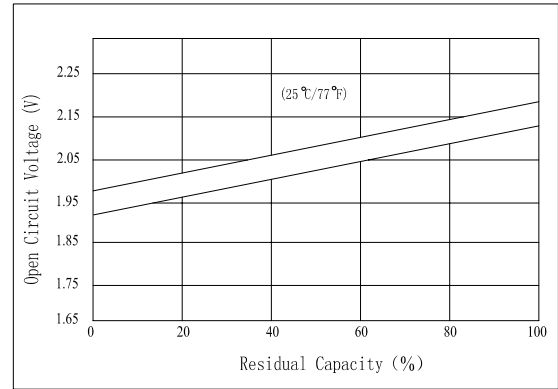


**Specifications**

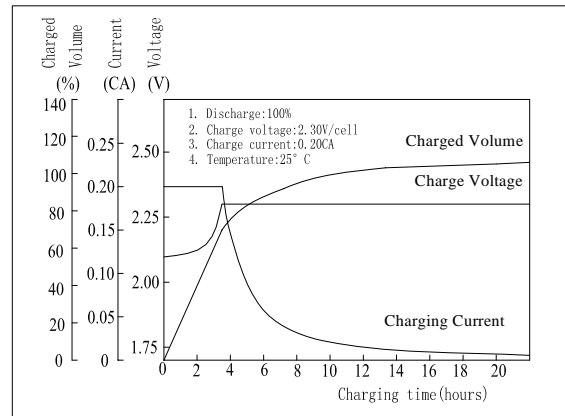
Nominal Voltage		2 V
Capacity(10HR, 25°C)		300 Ah
Dimension	Length	171mm (6.73inch)
	Width	151mm (5.94inch)
	Height	330mm (12.99inch)
	Total Height	364mm (14.33inch)
Approx. Weight		20.5kg (46.3lbs)
Internal resistance (Fully charged, 25°C)		Approx. 0.72m Ω
Capacity affected by temperature (20HR)	40°C	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)		2.25 to 2.30V
Cyclic charging voltage(25°C)		2.42 to 2.48V
Maximum charging current		60A
Terminal material		Copper
Maximum discharge current		2000A(5 sec.)

- ◆ Gelled electrolyte technology;
- ◆ AGM separator;
- ◆ Recognized by UL & CE;
- ◆ Flame retardant ABS container (UL94V-0/ 94V-2).

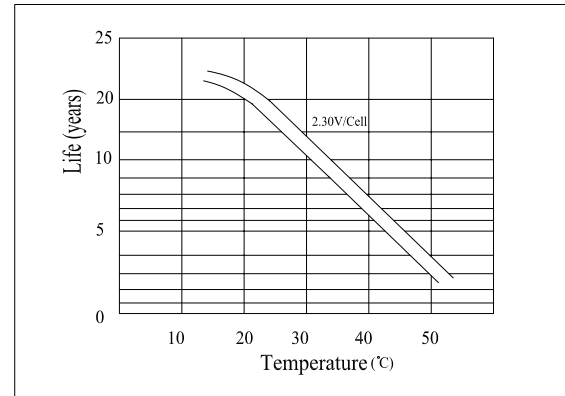
**The Relationship for Open Circuit Voltage and Residual Capacity (25°C)**



**Charging Characteristics(25°C)**



**Temperature Affects On Floating Life**



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

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

F.V/TIME	5min	10min	15min	30min	60min	3h	5h	10h	20h
1.60V	648	495	456	288	186	73.1	50.2	30.5	15.8
1.70V	616	470	438	276	179	72.0	49.5	30.2	15.7
1.80V	579	442	416	263	170	70.6	48.5	30.0	15.6

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

F.V/TIME	5min	10min	15min	30min	60min	3h	5h	10h	20h
1.60V	1134	891	834	539	353	143	99.0	60.6	31.7
1.70V	1077	846	801	517	339	141	97.5	60.1	31.4
1.80V	1013	796	761	491	322	138	95.6	60.1	31.2

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