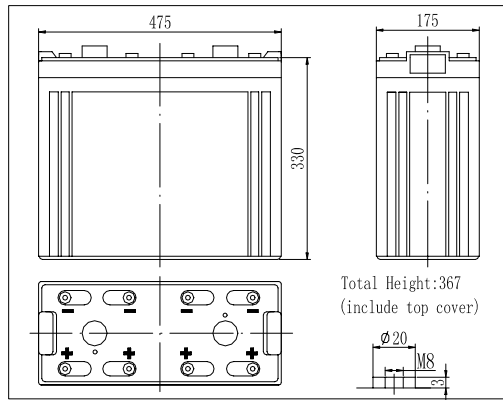
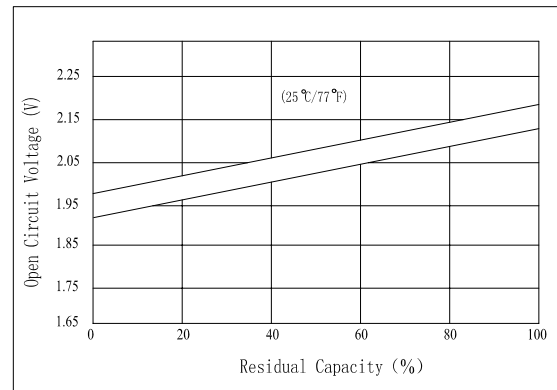


Dimensions



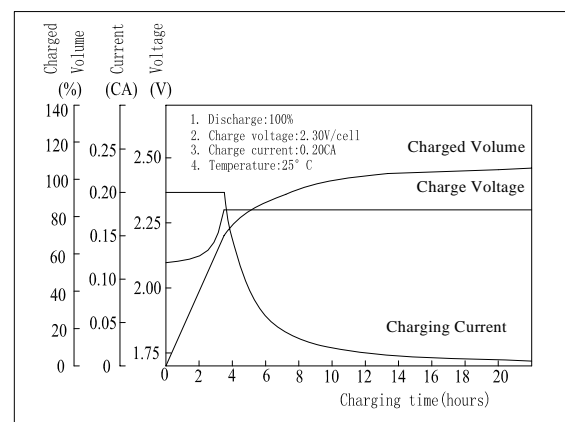
The Relationship for Open Circuit Voltage and Residual Capacity (25°C)



Specifications

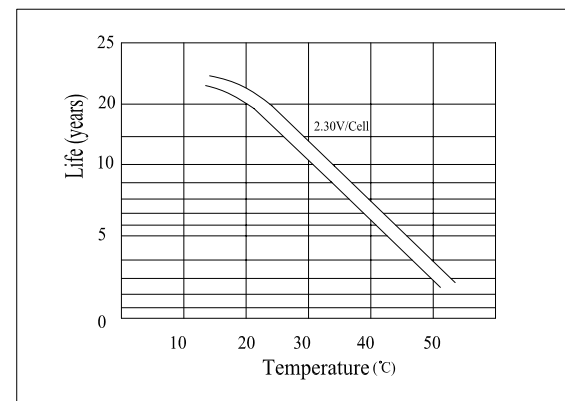
Nominal Voltage		2 V
Capacity(10HR, 25°C)		1000 Ah
Dimension	Length	475mm (18.70inch)
	Width	175mm (6.89inch)
	Height	330mm (12.99inch)
	Total Height	367mm (14.45inch)
Approx. Weight		66kg (145.5lbs)
Internal resistance (Fully charged, 25°C)		Approx. 0.22m Ω
Capacity affected by temperature (20HR)	40°C	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)		2.35 to 2.40V
Maximum charging current		200A
Terminal material		Copper
Maximum discharge current		7500A(5 sec.)

Charging Characteristics(25°C)



- ◆ Gelled electrolyte technology;
- ◆ AGM separator;
- ◆ Recognized by UL & CE;
- ◆ ABS container.

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	2160	1650	1520	960	620	244	167	102	52.8
1.70V	2052	1568	1459	922	595	240	165	101	52.3
1.80V	1929	1473	1386	876	565	235	162	100	52.0

Constant Power Discharge Characteristics (Watt, 25°C)

F.V/TIME	5min	10min	15min	30min	60min	3h	5h	10h	20h
1.60V	3780	2970	2782	1795	1178	477	330	202	106
1.70V	3591	2822	2670	1723	1131	470	325	200	105
1.80V	3376	2652	2537	1637	1074	461	319	200	104

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