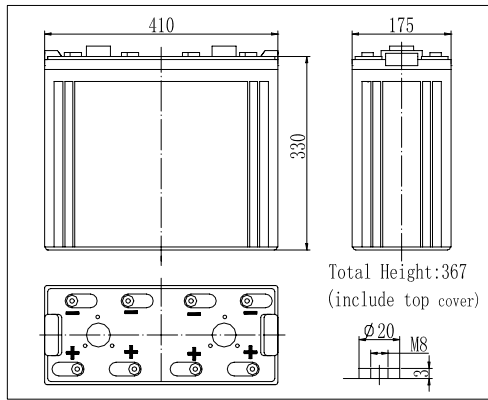
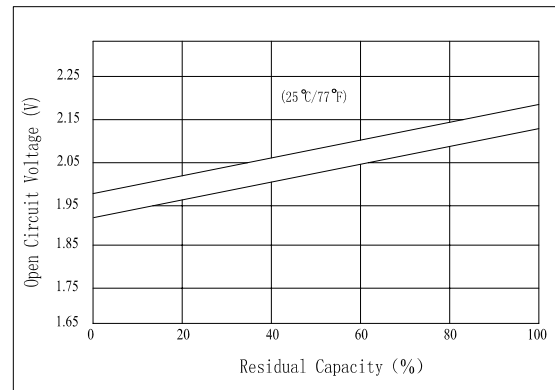


**Dimensions**



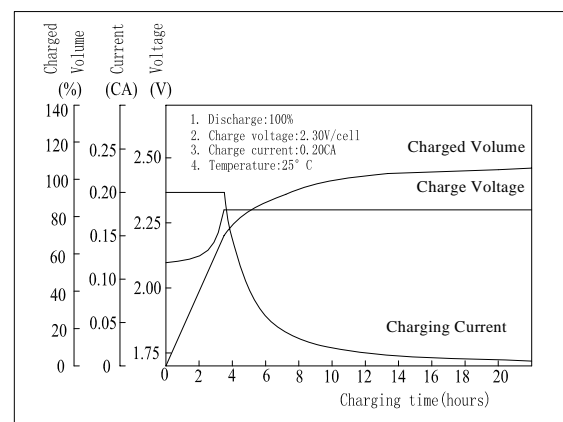
**The Relationship for Open Circuit Voltage and Residual Capacity (25°C)**



**Specifications**

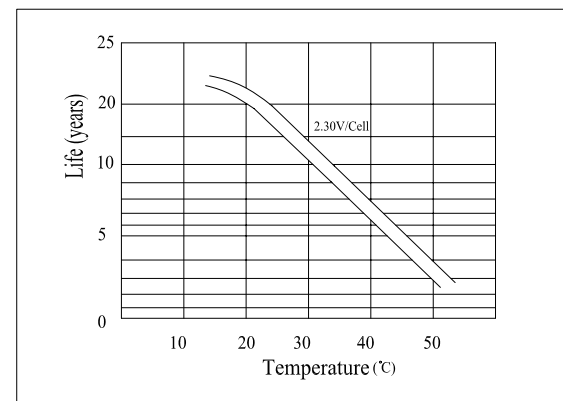
Nominal Voltage		2 V
Capacity(10HR, 25°C)		800 Ah
Dimension	Length	410mm (16.14inch)
	Width	175mm (6.89inch)
	Height	330mm (12.99inch)
	Total Height	367mm (14.45inch)
Approx. Weight		56kg (123.5lbs)
Internal resistance (Fully charged, 25°C)		Approx. 0.26mΩ
Capacity affected by temperature (20HR)	40°C	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		160A
Terminal material		Copper
Maximum discharge current		5500A(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	1728	1320	1216	768	496	195	134	81.2	42.2
1.70V	1642	1254	1167	737	476	192	132	80.5	41.8
1.80V	1543	1179	1109	700	452	188	129	80.0	41.6

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

F.V/TIME	5min	10min	15min	30min	60min	3h	5h	10h	20h
1.60V	3024	2376	2225	1436	942	382	264	162	84.4
1.70V	2873	2257	2136	1379	905	376	260	160	83.7
1.80V	2700	2122	2029	1310	859	369	255	160	83.2

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