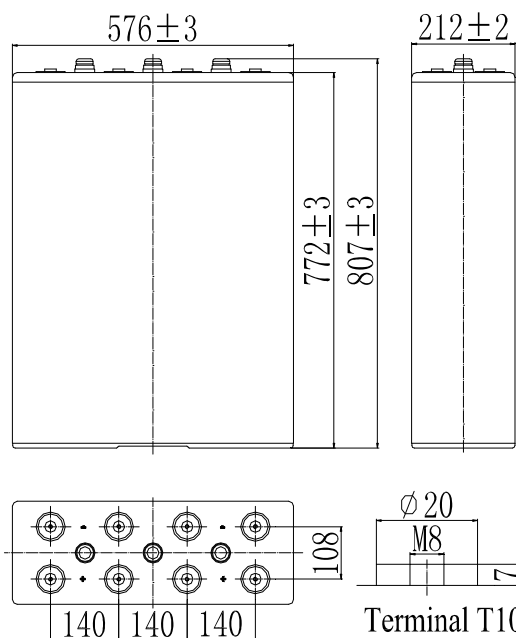


**Specifications**

Nominal Voltage		2 V
Capacity (25°C)	10HR(1.80V)	3000 Ah
	3HR(1.75V)	Ah
	1HR(1.60V)	Ah
Dimension	Length	576 ± 3mm (22.68inch)
	Width	212 ± 2mm (8.35inch)
	Height	772 ± 3mm (30.39inch)
	Total Height	807 ± 3mm (31.77inch)
Approx. Weight		223kg (491lbs) ± 3%
Terminal type		T10
Internal resistance (Fully charged, 25°C)		Approx. 0.13m Ω
Capacity affected by temperature (10HR)	40°C	103%
	25°C	100%
	0°C	88%
	-15°C	70%
Self-discharge (25°C)	3 month	Remaining Capacity: 94%
	6 month	Remaining Capacity: 88%
	12 month	Remaining Capacity: 75%
Nominal operating temperature		25°C ± 3°C (77°F ± 5°F)
Operating temperature range	Discharge	-15°C ~ 55°C (5°F ~ 131°F)
	Charge	-10°C ~ 55°C (14°F ~ 131°F)
	Storage	-20°C ~ 55°C (-4°F ~ 131°F)
Float charging voltage(25°C)		2.25 to 2.30V Temperature compensation: -3mV/°C
Cyclic charging voltage(25°C)		2.35 to 2.40V Temperature compensation: -5mV/°C
Maximum charging current		600A
Terminal material		Copper
Maximum discharge current		15000A(5 sec.)
Designed floating life(20°C)		20 years



**Dimensions**



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

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

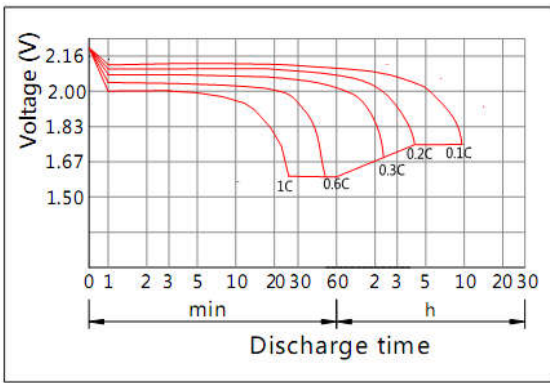
F.V/TIME	30min	60min	2h	3h	4h	5h	6h	8h	10h	20h	48h	120h
1.60V	2400	1708	1050	768	618	540	466	364	305	162	---	---
1.65V	2368	1678	1050	768	612	538	462	364	305	162	--	--
1.70V	2308	1620	1048	754	604	528	460	360	303	160	73.2	---
1.75V	2250	1590	1020	750	604	528	454	358	303	160	72.8	30.4
1.80V	2190	1530	994	724	586	514	438	346	300	157	72.4	30.0

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

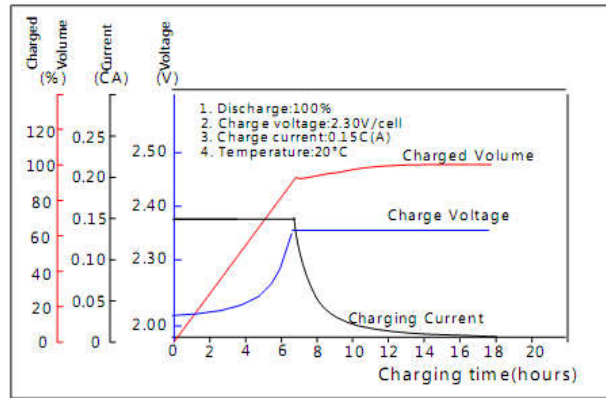
F.V/TIME	30min	60min	2h	3h	4h	5h	6h	8h	10h	20h	48h	120h
1.60V	4498	3210	2038	1500	1204	1054	918	724	612	322	---	---
1.65V	4408	3178	2010	1498	1200	1054	904	720	604	322	--	--
1.70V	4320	3088	2008	1470	1198	1050	900	718	604	318	150	---
1.75V	4230	3028	1978	1470	1174	1048	898	708	600	318	148	61.8
1.80V	4108	2940	1920	1438	1144	1018	870	690	598	316	148	61.6

Note: The above characteristics data can be obtained within three charge/discharge cycles.

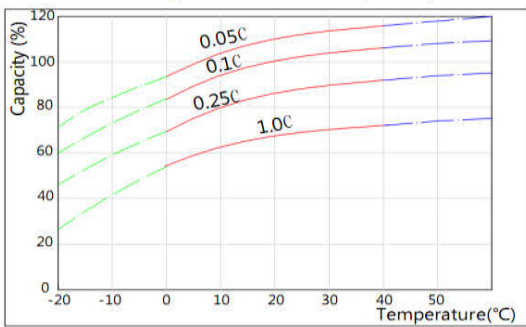
Discharge Characteristics(25°C)



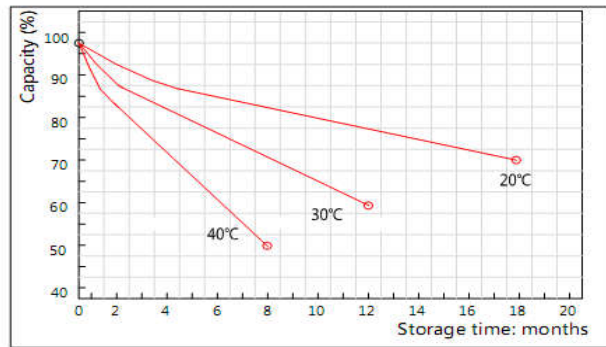
Charging Characteristics(25°C)



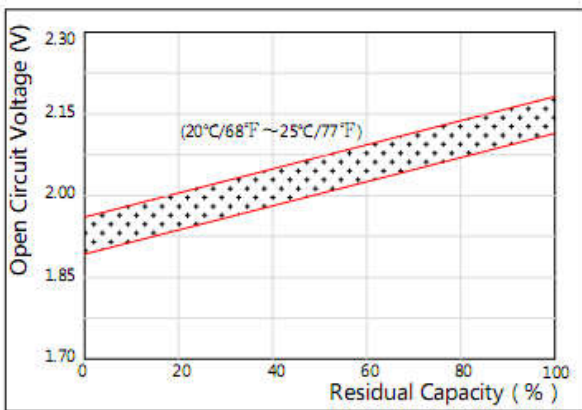
Effect of Temperature on Capacity



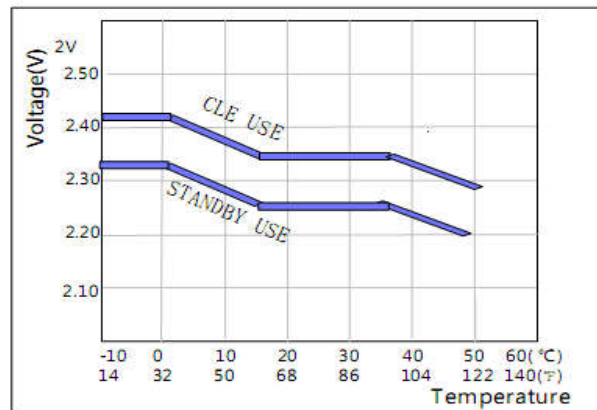
Self-discharge Characteristics



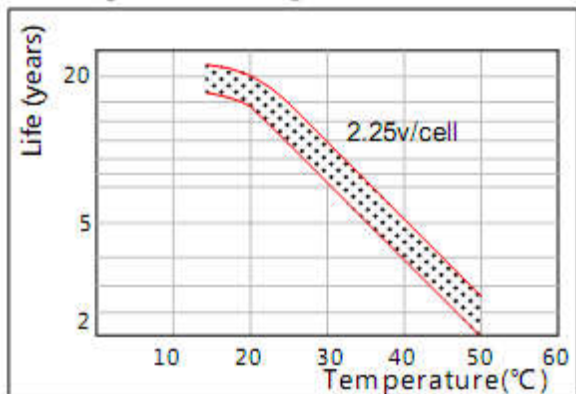
The Relationship for Open Circuit Voltage and Residual Capacity (25°C)



The Relationship for Charging Voltage and Temperature



Floating Life on Temperature



Cycle Life on D.O.D(25°C)

