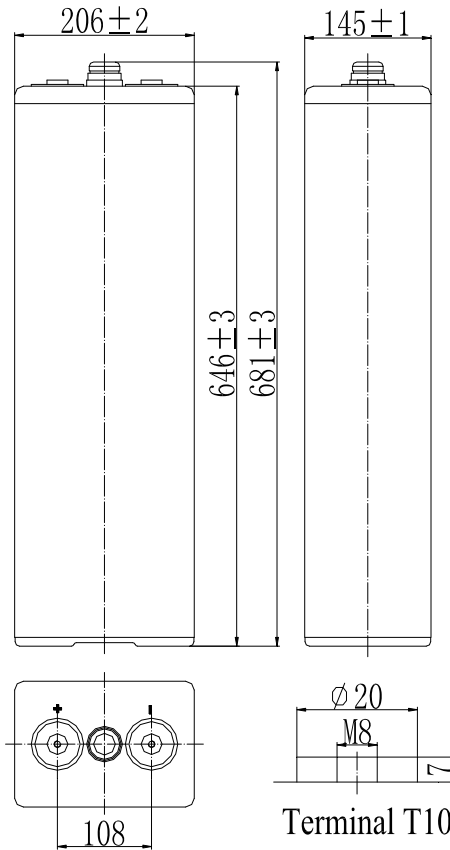


Specifications

Nominal Voltage		2 V
Capacity (25°C)	10HR(1.80V)	600 Ah
	3HR(1.75V)	450Ah
	1HR(1.60V)	341Ah
Dimension	Length	206 ± 2mm (8.11inch)
	Width	145 ± 1mm (5.71inch)
	Height	646 ± 3mm (25.43inch)
	Total Height	681 ± 3mm (26.81inch)
Approx. Weight		43kg (94.6lbs) ± 3%
Terminal type		T10
Internal resistance (Fully charged, 25°C)		Approx. 0.45m 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		120A
Terminal material		Copper
Maximum discharge current		3000A(5 sec.)
Designed floating life(20°C)		20 years

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

Dimensions



Constant Current Discharge Characteristics (A, 25°C)

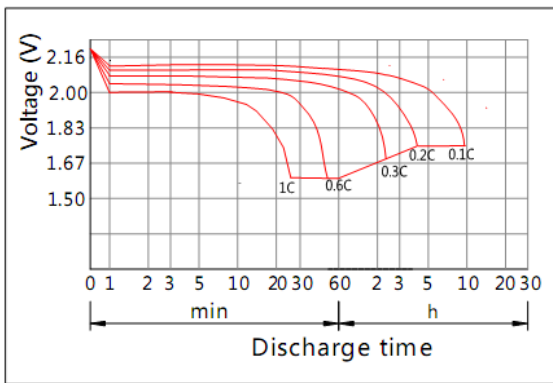
F.V/TIME	30min	60min	2h	3h	4h	5h	6h	8h	10h	20h	48h	120h
1.60V	480	341	210	154	124	108	92.9	72.6	61.2	32.3	---	---
1.65V	473	335	210	154	122	107	92.3	72.6	61.2	32.3	--	--
1.70V	461	324	209	151	121	106	91.7	72.0	60.6	31.8	14.6	---
1.75V	450	318	204	150	121	106	91.1	71.4	60.6	31.8	14.6	6.06
1.80V	438	306	199	145	117	103	88.1	69.0	60.0	31.7	14.5	6.02

Constant Power Discharge Characteristics (Watt, 25°C)

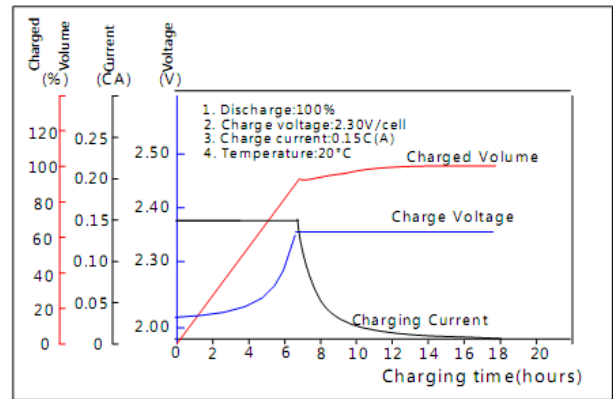
F.V/TIME	30min	60min	2h	3h	4h	5h	6h	8h	10h	20h	48h	120h
1.60V	899	642	407	300	241	211	184	145	122	64.2	---	---
1.65V	881	635	402	299	240	211	181	144	121	64.2	--	--
1.70V	864	617	401	294	239	210	180	143	121	63.6	29.9	---
1.75V	846	605	395	294	235	209	179	142	120	63.6	29.5	12.36
1.80V	821	588	384	287	229	203	174	138	119	63.0	29.4	12.30

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

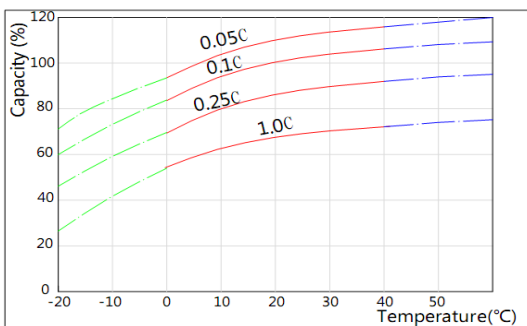
Discharge Characteristics(25°C)



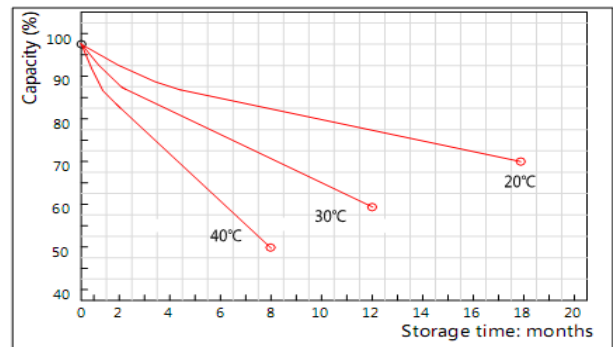
Charging Characteristics(25°C)



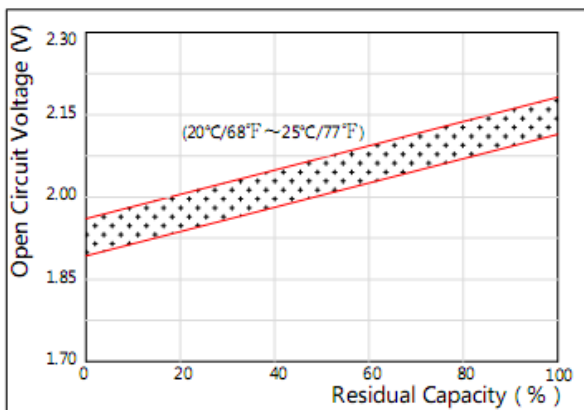
Effect of Temperature on Capacity



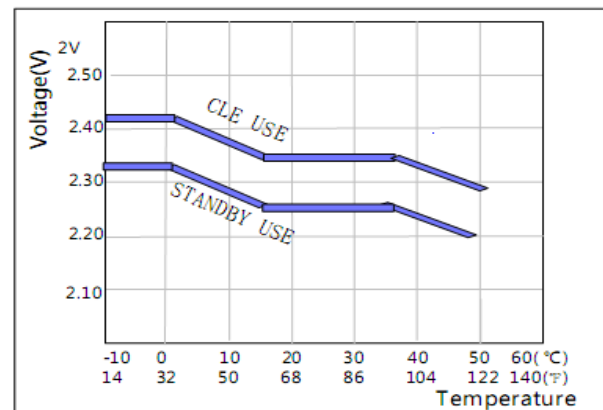
Self-discharge Characteristics



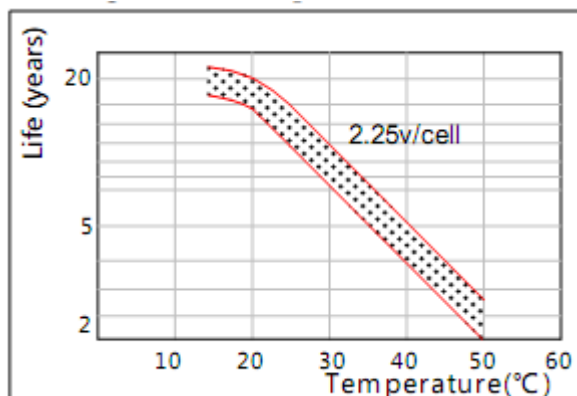
The Relationship for Open Circuit Voltage and Residual Capacity (25°C)



The Relationship for Charging Voltage and Temperature



Floating Life on Temperature



Cycle Life on D.O.D(25°C)

