

Specifications

Nominal Voltage		2 V
Capacity (25°C)	10HR(1.80V)	2000 Ah
	3HR(1.75V)	1560Ah
	1HR(1.75V)	1073Ah
Dimension	Length	399±2mm (15.7inch)
	Width	210±2mm (8.27inch)
	Height	772±3mm (30.39inch)
	Total Height	807±3mm (31.77inch)
Approx. Weight		135kg (297.7lbs)±4%
Terminal type		T10
Internal resistance (Fully charged, 25°C)		Approx. 0.28mΩ
Capacity affected by temperature (10HR)	40°C	102%
	25°C	100%
	0°C	85%
	-15°C	65%
Self-discharge (25°C)	3 month	Remaining Capacity: 93%
	6 month	Remaining Capacity: 85%
	12 month	Remaining Capacity: 72%
Nominal operating temperature		25°C ± 3°C (77°F ± 5°F)
Operating temperature range	Discharge	-15°C ~ 50°C (5°F ~ 122°F)
	Charge	-10°C ~ 50°C (14°F ~ 122°F)
	Storage	-20°C ~ 50°C (-4°F ~ 122°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		400A
Terminal material		Copper
Maximum discharge current		8000A(5 sec.)
Designed floating life(20°C)		20 years

- Gelled electrolyte technology;
- Tubular Positive Plate;
- ABS container.

Constant Current Discharge Characteristics (A, 25°C)

F.V/TIME	15min	30min	60min	2h	3h	4h	5h	6h	8h	10h	20h	24h	48h
1.60V	2200	1700	1140	690	530	428	365	314	247	204	108	93.0	49.4
1.65V	2147	1666	1123	686	527	426	363	312	245	203	108	92.8	49.2
1.70V	2068	1615	1094	680	524	423	361	310	244	203	107	92.1	49.0
1.75V	1998	1576	1073	670	520	420	358	308	242	201	107	92.0	48.7
1.80V	1892	1518	1040	653	504	407	347	299	235	200	106	91.6	48.4

Constant Power Discharge Characteristics (Watt, 25°C)

F.V/TIME	15min	30min	60min	2h	3h	4h	5h	6h	8h	10h	20h	24h	48h
1.60V	4026	3179	2166	1332	1040	840	719	619	489	405	216	187	99.7
1.65V	3929	3115	2134	1324	1033	835	715	615	486	404	215	187	99.4
1.70V	3784	3020	2079	1312	1026	829	710	611	483	403	215	185	99.0
1.75V	3656	2947	2038	1293	1019	823	705	607	479	401	213	185	98.5
1.80V	3462	2839	1975	1260	989	799	684	589	465	398	212	184	97.8

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

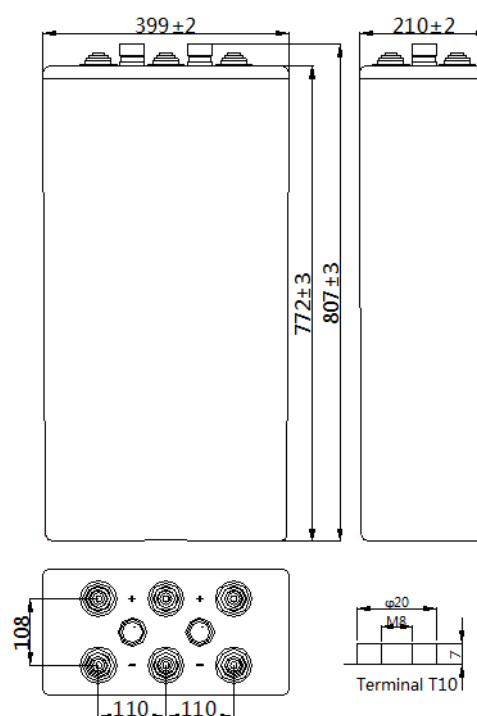
Long Life

Excellent Performance

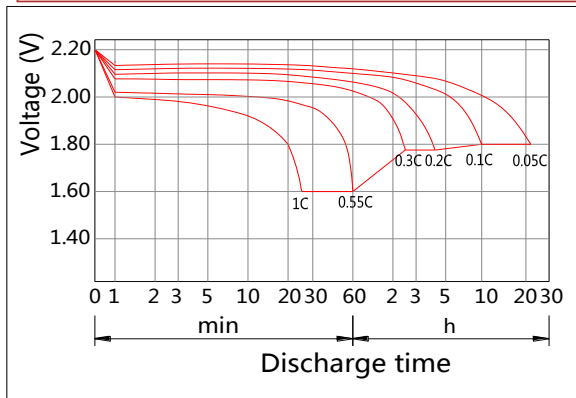
Safety Protection



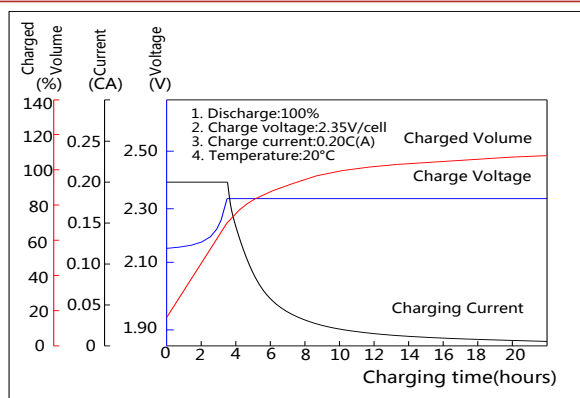
Dimensions



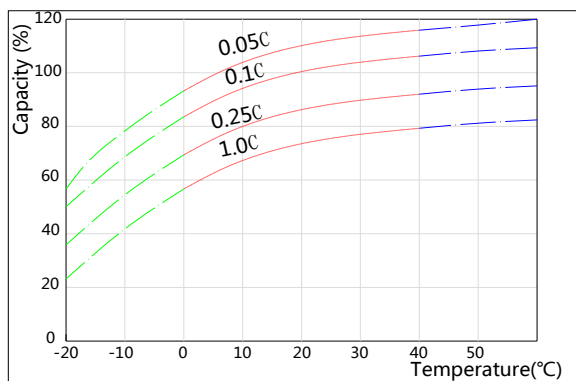
Discharge Characteristics(25 °C)



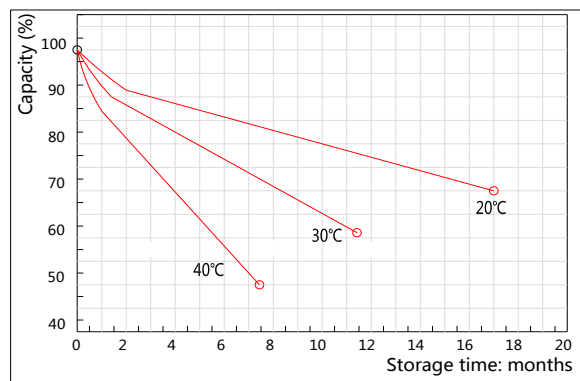
Charging Characteristics(25 °C)



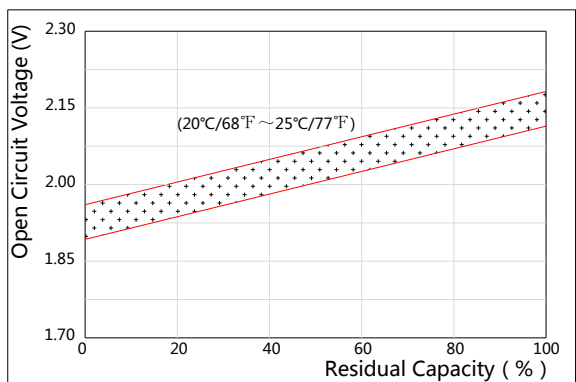
Effect of Temperature on Capacity



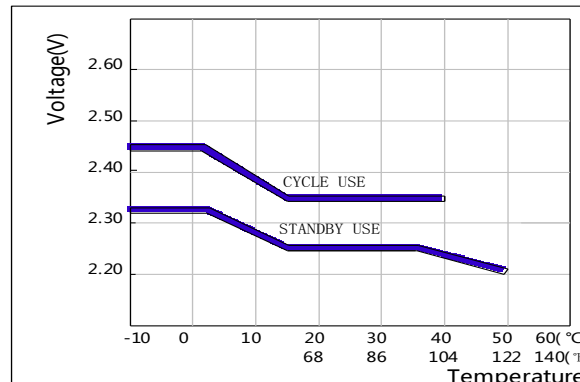
Self-discharge Characteristics



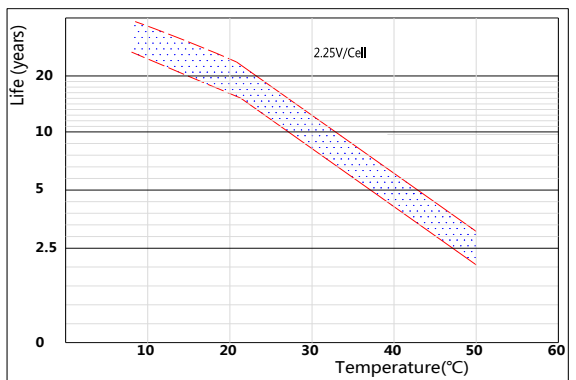
The Relationship for Open Circuit Voltage and Residual Capacity (25 °C)



The Relationship for Charging Voltage and Temperature



Floating Life on Temperature



Cycle Life on D.O.D(25 °C)

