

Specifications

Nominal Voltage		2 V
Capacity (25°C)	10HR(1.80V)	1000 Ah
	3HR(1.75V)	780Ah
	1HR(1.75V)	536Ah
Dimension	Length	233 ± 2mm (9.17inch)
	Width	210 ± 2mm (8.27inch)
	Height	645 ± 3mm (25.43inch)
	Total Height	681 ± 3mm (26.81inch)
Approx. Weight		68.6kg (151.2lbs) ± 4%
Terminal type		T10
Internal resistance (Fully charged, 25°C)		Approx. 0.55mΩ
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		200A
Terminal material		Copper
Maximum discharge current		4000A(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	1100	850	570	345	265	214	183	157	123	102	54.0	46.5	24.7
1.65V	1074	833	561	343	264	213	182	156	123	102	53.8	46.4	24.6
1.70V	1034	808	547	340	262	211	180	155	122	101	53.7	46.1	24.5
1.75V	999	788	536	335	260	210	179	154	121	101	53.4	46.0	24.4
1.80V	946	759	520	326	252	204	174	149	117	100	53.0	45.8	24.2

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	2013	1590	1083	666	520	420	360	309	244	203	108	93.4	49.9
1.65V	1965	1558	1067	662	517	417	358	308	243	202	108	93.3	49.7
1.70V	1892	1510	1040	656	513	414	355	306	241	202	107	92.6	49.5
1.75V	1828	1473	1019	646	510	412	353	303	240	200	107	92.4	49.2
1.80V	1731	1419	988	630	494	399	342	294	232	199	106	92.1	48.9

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

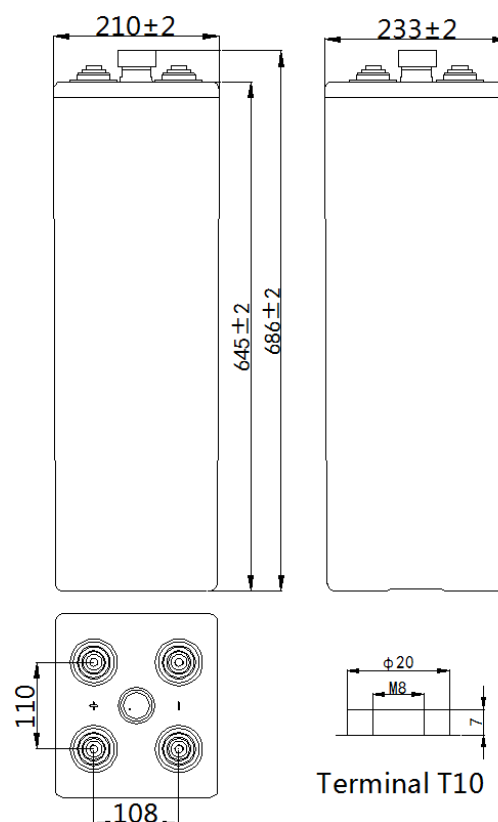
Long Life

Excellent Performance

Safety Protection

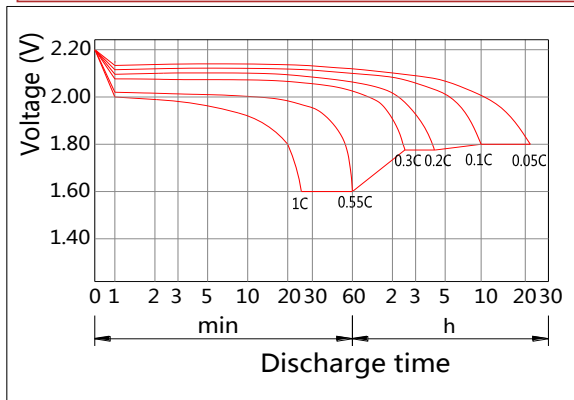


Dimensions

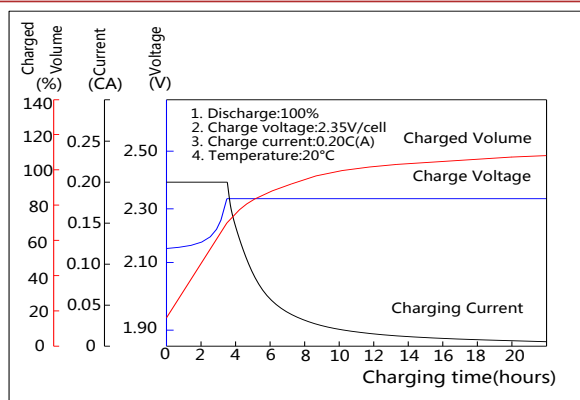


Terminal T10

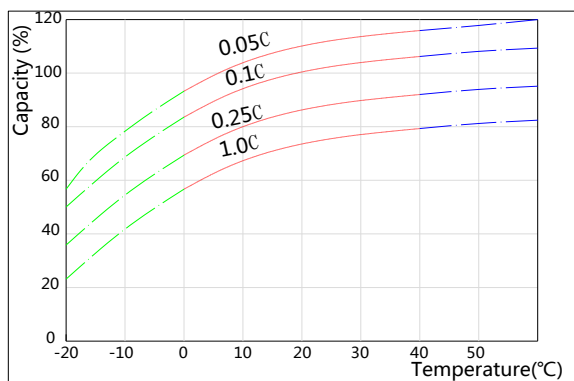
Discharge Characteristics(25 °C)



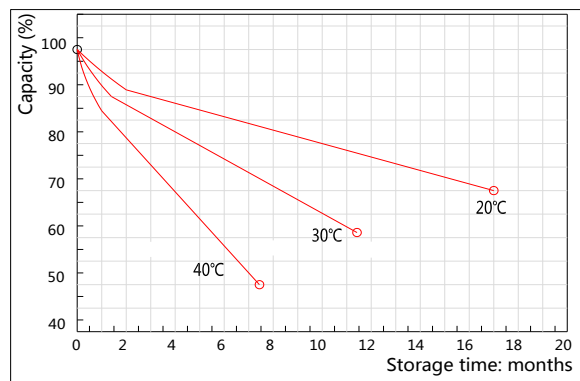
Charging Characteristics(25 °C)



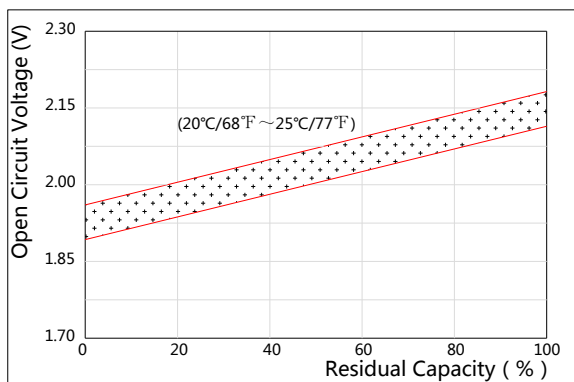
Effect of Temperature on Capacity



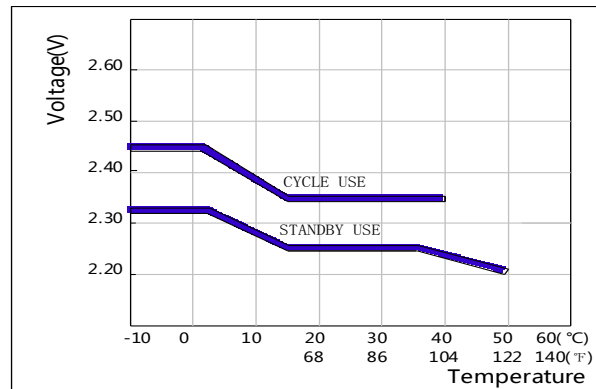
Self-discharge Characteristics



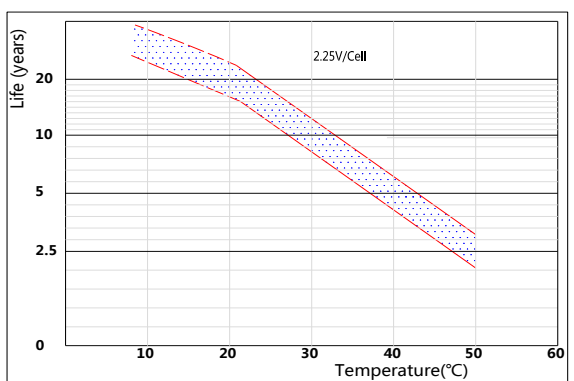
The Relationship for Open Circuit Voltage and Residual Capacity (25 °C)



The Relationship for Charging Voltage and Temperature



Floating Life on Temperature



Cycle Life on D.O.D(25 °C)

