



● Specifications

Nominal Voltage		2V
Rated Capacity (10 hour rate)		2000Ah
Dimensions	Total Height	382±2mm(15.41 inches)
	Height	345±2mm(13.64 inches)
	Length	490±2mm(19.26 inches)
	Width	350±2mm(13.83 inches)
Weight Approx		117kg(257.93lbs)±4%

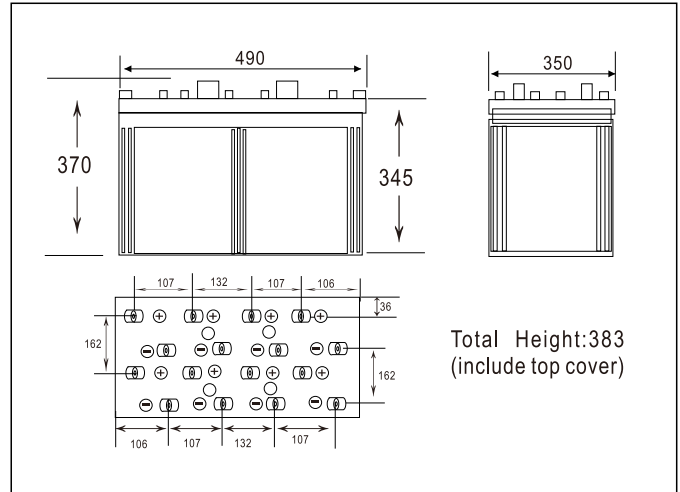
● Characteristics

Capacity 25°C(77°F)	10 hour rate(200A) 5 hour rate(360A) 1 hour rate(1200A)	2000 AH 1800 AH 1200AH
Internal Resistance	Full charged Battery at 25°C(77°F)	0.18mΩ
Capacity affected by Temperature (10hour rate)	40°C(104°F)	102%
	25°C(77°F)	100%
	0°C(32°F)	85%
	-15°C(5°F)	65%
Self-Discharge at 25°C(77°F)	Capacity after 3 month storage	91%
	Capacity after 6 month storage	82%
	Capacity after 12 month storage	64%
Charge (constant voltage)	Cycle	Initial Charging Current Less than 400 A Voltage 2.40-2.45V
	Float	Voltage 2.25-2.30V

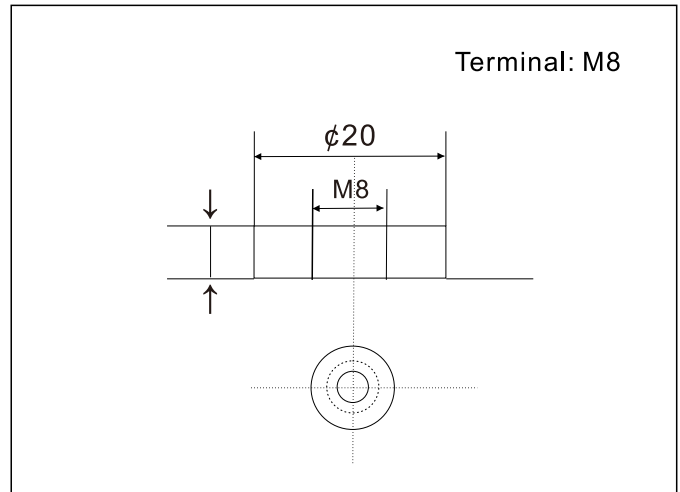
● Applications

- Cable Television
- Computers
- Wind power systems
- Electronic instruments
- Medical equipment
- Alarm and security systems
- Electric power system
- Solar power systems
- Telecommunication equipments
- Uninterruptible power supplies

● Outer Dimensions (mm)



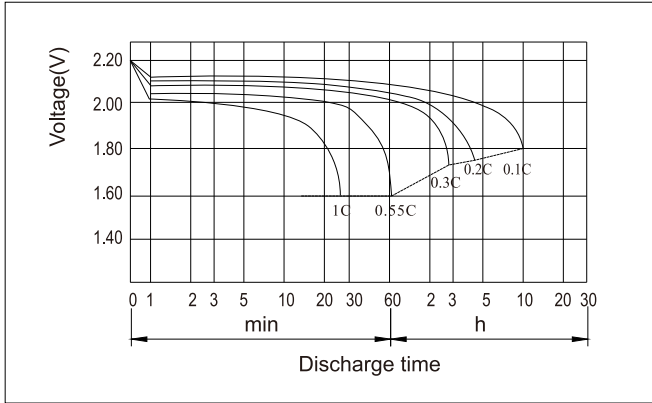
● Terminal Type (mm)



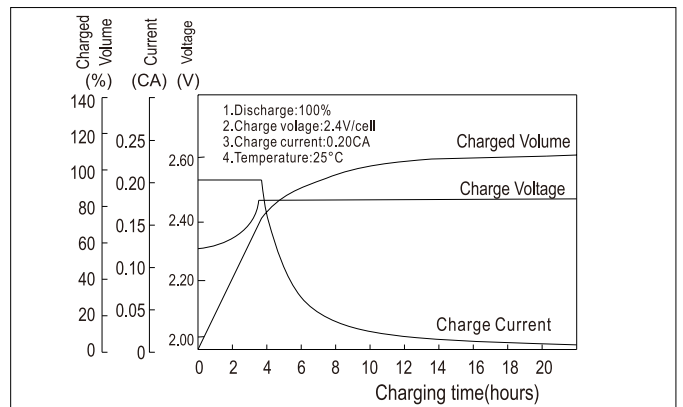
Constant Current(AMP) and Constant Power(Watt) Discharge Table at 25°C(77°F)

Time		30min	60min	2h	3h	4h	5h	6h	8h	10h	20h	24h
1.60V	A	1800	1200	731	520	417	363	312	245	204	107	92.6
	W	3366	2280	1410	1020	820	715	615	487	405	214	186
1.65V	A	1794	1182	726	517	416	361	310	243	203	107	92.5
	W	3299	2246	1402	1014	815	711	611	484	404	213	186
1.70V	A	1710	1152	720	514	413	358	308	242	203	106	92.2
	W	3198	2189	1390	1007	806	710	607	481	403	213	185
1.75V	A	1669	1129	409	511	411	356	306	240	201	106	91.6
	W	3120	2145	1369	1000	805	702	603	481	401	211	184
1.80V	A	1607	1094	691	495	398	345	298	233	200	105	91.6
	W	3006	2079	1334	969	779	680	586	463	398	210	183

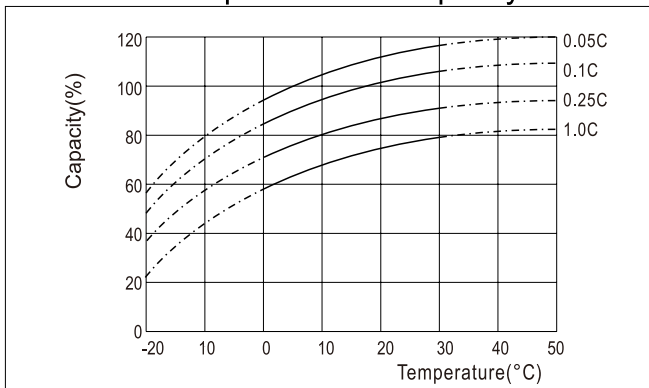
● Discharge Characteristics(25°C)



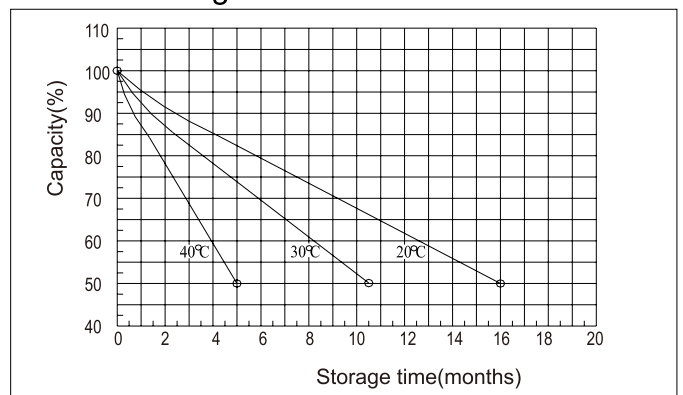
● Charging Characteristics(25°C)



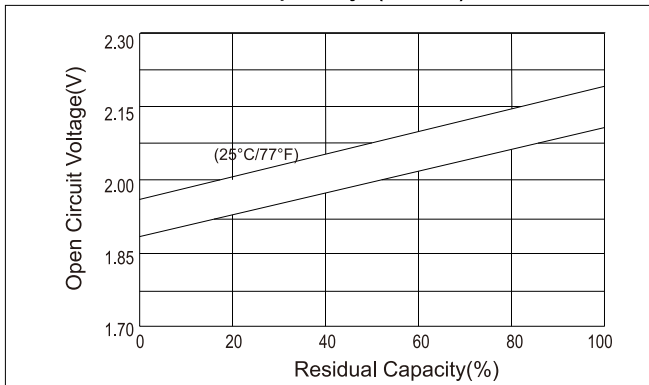
● Effect of Temperature on Capacity



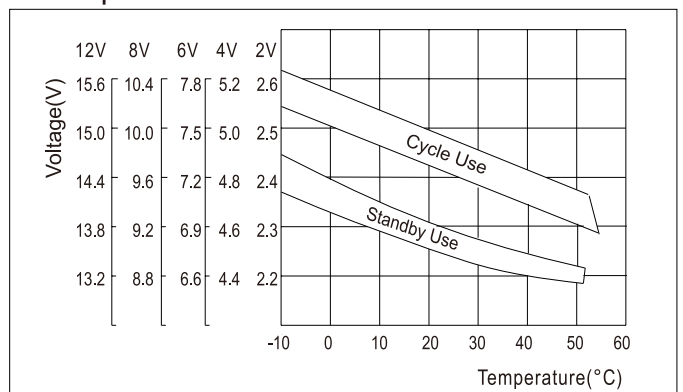
● Self-discharge Characteristics



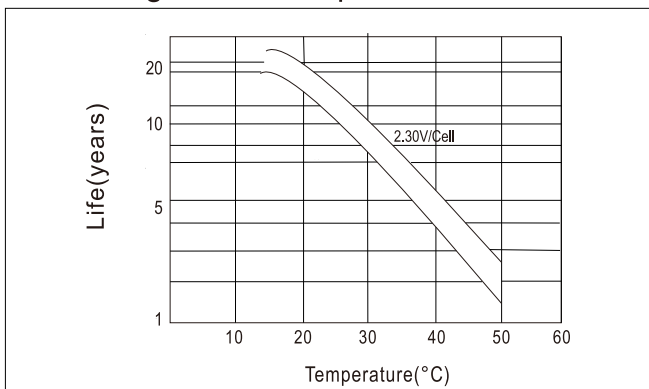
● The Relationship for Open Circuit Voltage and Residual Capacity (25°C)



● The Relationship for Charging Voltage and Temperature



● Floating Life on Temperature



● Cycle Life on D.O.D (25°C)

