



● Specifications

Nominal Voltage		2V
Rated Capacity (10 hour rate)		1500Ah
Dimensions	Total Height	382±2mm(15.41 inches)
	Height	345±2mm(13.64 inches)
	Length	400±2mm(15.81 inches)
	Width	350±2mm(13.83 inches)
Weight Approx		88kg(194.07lbs)±4%

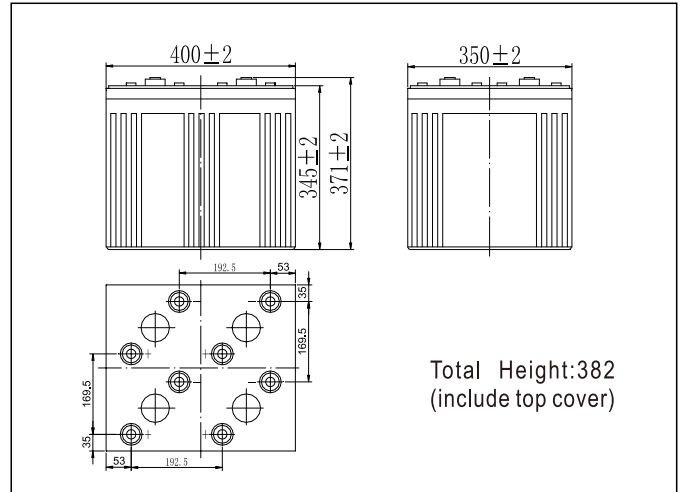
● Characteristics

Capacity 25°C(77°F)	10 hour rate(150A) 5 hour rate(272A) 1hour rate(900A)	1500 AH 1360 AH 900AH
Internal Resistance	Full charged Battery at 25°C(77°F)	0.2mΩ
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 300 A Voltage 2.40-2.45V
	Float	Voltage 2.25-2.30V

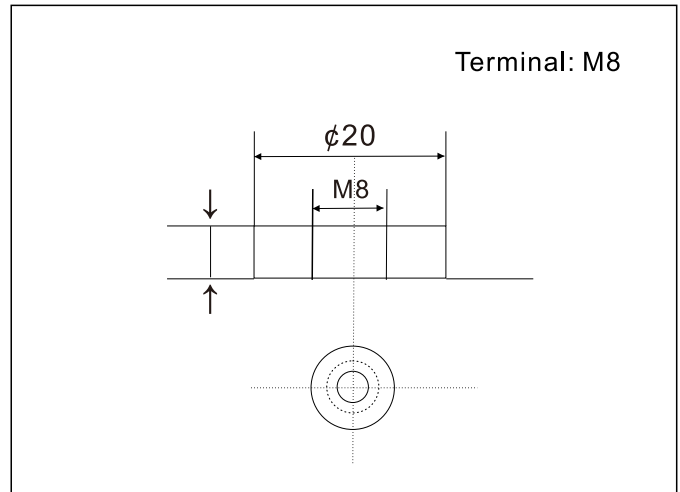
● Applications

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

● Outer Dimensions (mm)



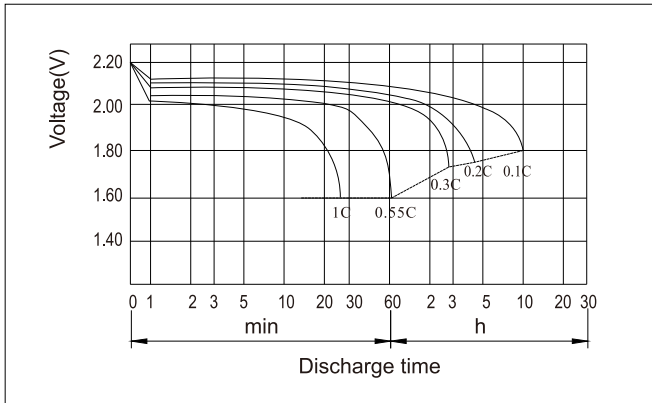
● Terminal Type (mm)



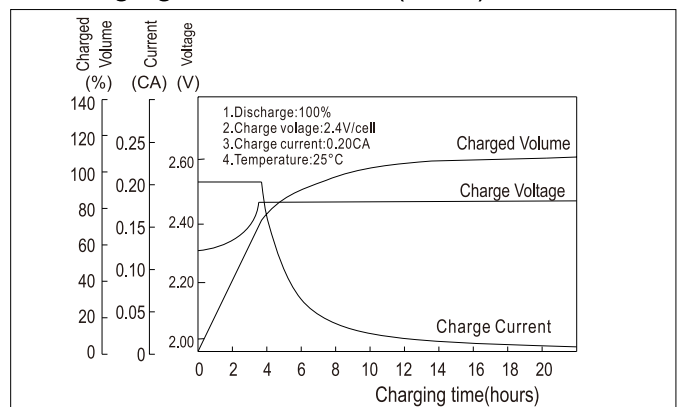
Constant Current(AMP) and Constant Power(Watt) Discharge Table at 25°C(77°F)

Time		30min	60min	2h	3h	4h	5h	6h	8h	10h	20h	24h
1.60V	A	1350	900	548	390	314	272	234	184	153	80.2	69.5
	W	2525	1710	1058	765	615	537	461	365	304	160	140
1.65V	A	1323	887	545	388	312	271	233	183	152	80.0	69.3
	W	2474	1684	1052	760	611	533	458	363	303	160	139
1.70V	A	1283	864	540	385	310	269	231	181	152	79.8	69.1
	W	2398	1642	1042	755	607	530	455	361	302	160	139
1.75V	A	1251	847	532	383	308	267	230	180	151	79.3	68.7
	W	2340	1609	1027	750	603	526	452	358	301	159	138
1.80V	A	1206	821	518	371	298	259	223	175	150	78.8	68.3
	W	2254	1560	1001	727	585	510	439	347	299	158	137

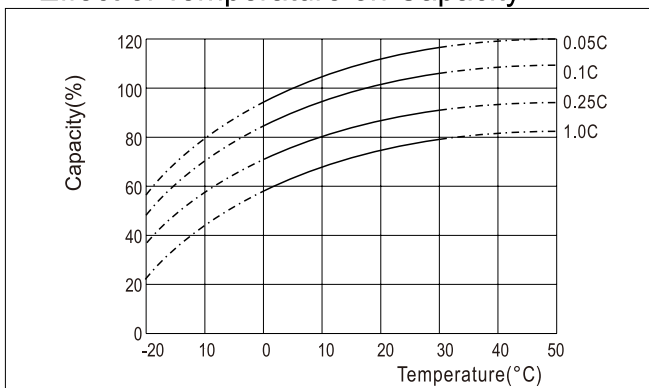
● Discharge Characteristics(25°C)



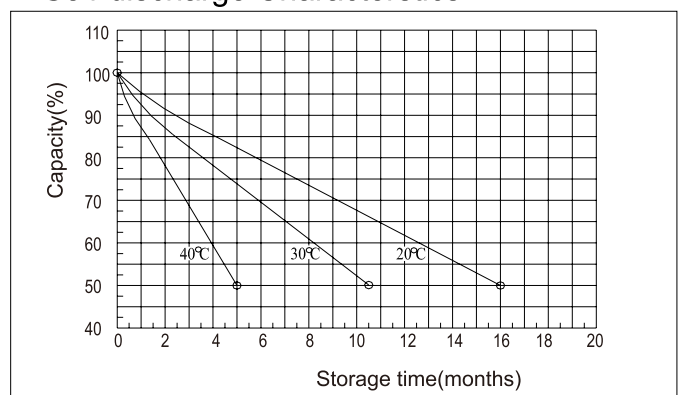
● Charging Characteristics(25°C)



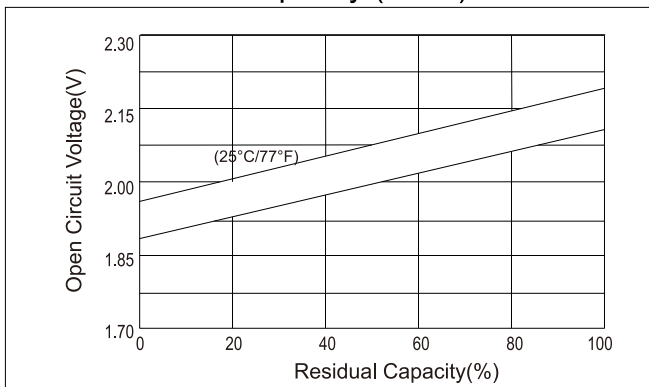
● Effect of Temperature on Capacity



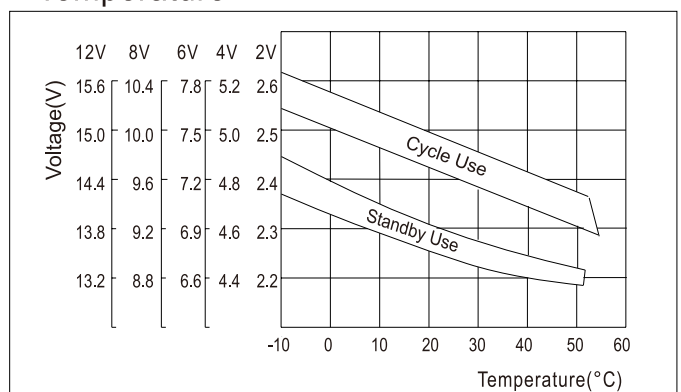
● Self-discharge Characteristics



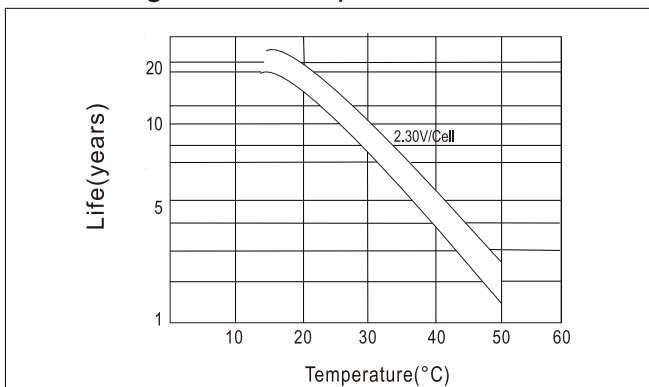
● The Relationship for Open Circuit Voltage and Residual Capacity (25°C)



● The Relationship for Charging Voltage and Temperature



● Floating Life on Temperature



● Cycle Life on D.O.D (25°C)

