



● Specifications

Nominal Voltage		2V
Rated Capacity (10 hour rate)		600Ah
Dimensions	Total Height	367±2mm(14.46 inches)
	Height	330±2mm(13.00 inches)
	Length	301±2mm(11.86 inches)
	Width	175±2mm(6.89 inches)
Weight Approx		33kg(72.86 lbs)±4%

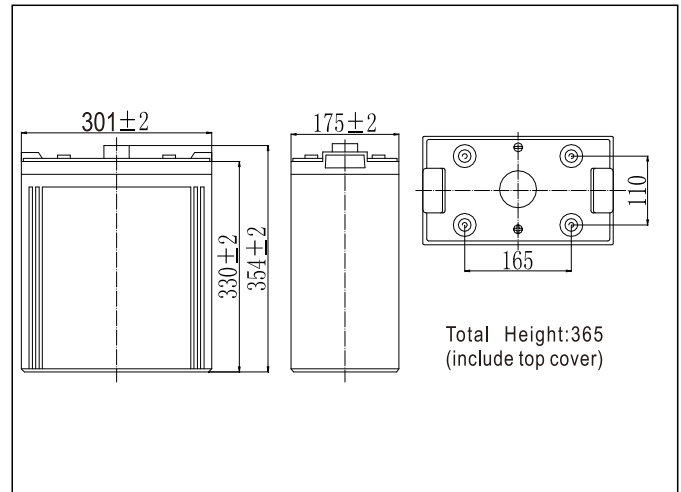
● Characteristics

Capacity 25°C(77°F)	10 hour rate(60A) 5 hour rate(109A) 1hour rate(360A)	600 AH 545AH 360AH
Internal Resistance	Full charged Battery at 25°C(77°F)	0.45mΩ
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 120 A Voltage 2.40-2.45V
	Float	Voltage 2.25-2.30V

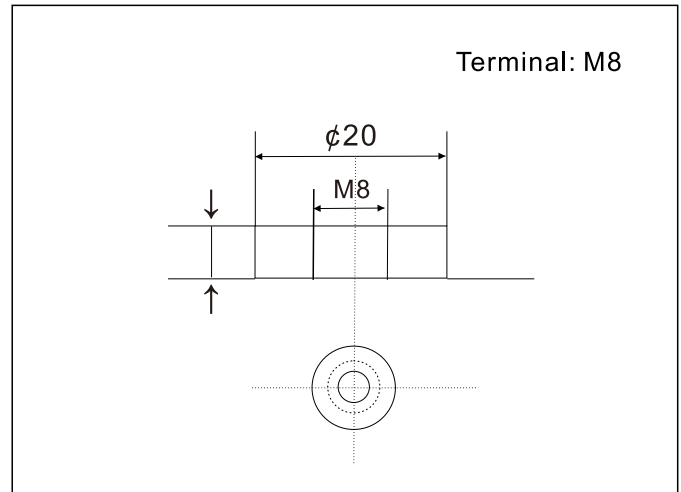
● Applications

- 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)



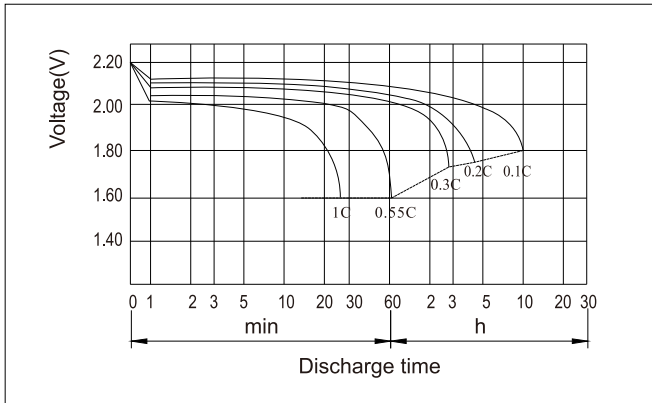
● Terminal Type (mm)



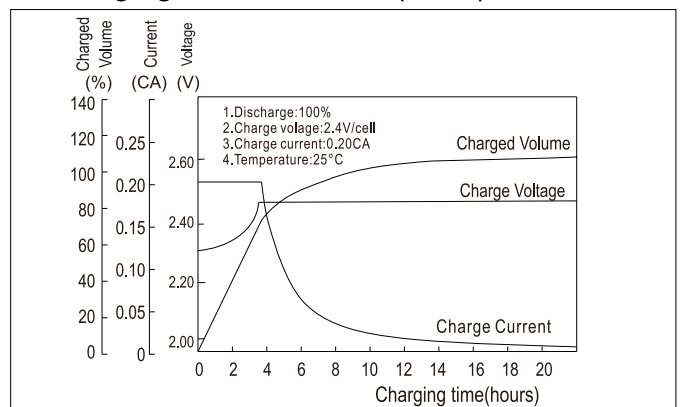
Constant Current(AMP) and Constant Power(Watt) Discharge Table at 25°C(77°F)

Time		30min	60min	2h	3h	4h	5h	6h	8h	10h	20h	24h
1.60V	A	540	360	219	156	125	109	93.6	73.4	61.1	32.1	27.8
	W	1010	684	423	306	246	215	184	146	122	64.1	55.9
1.65V	A	529	355	218	155	125	108	93.1	73.0	61.0	32.0	27.7
	W	990	674	421	304	244	213	183	145	121	64.0	55.8
1.70V	A	513	346	216	154	124	108	92.4	82.5	60.8	31.9	27.7
	W	959	657	417	302	243	212	182	144	121	63.8	55.6
1.75V	A	501	339	213	153	123	107	91.8	72.0	60.8	31.7	27.5
	W	936	644	411	300	241	210	181	143	120	63.4	55.3
1.80V	A	482	328	207	148	119	104	89.0	69.8	60.0	31.5	27.3
	W	902	624	400	291	234	204	175	139	119	63.0	54.9

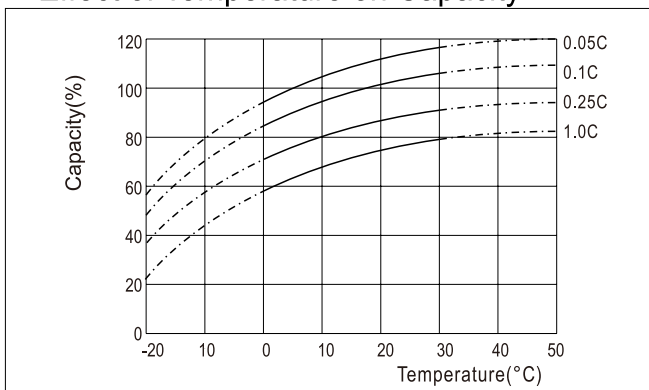
● Discharge Characteristics(25°C)



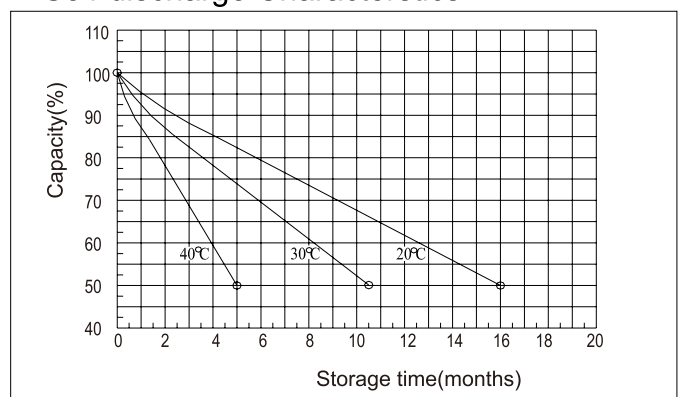
● Charging Characteristics(25°C)



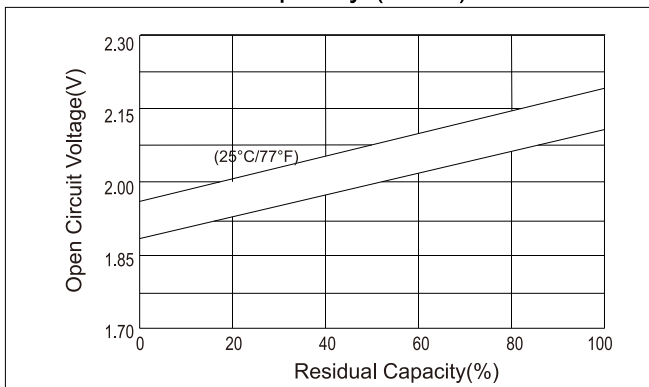
● Effect of Temperature on Capacity



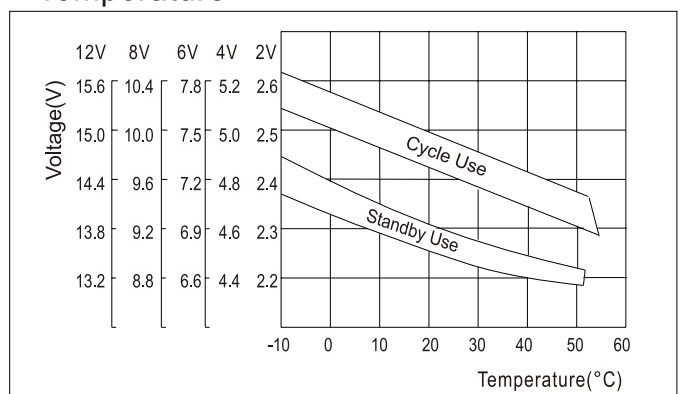
● Self-discharge Characteristics



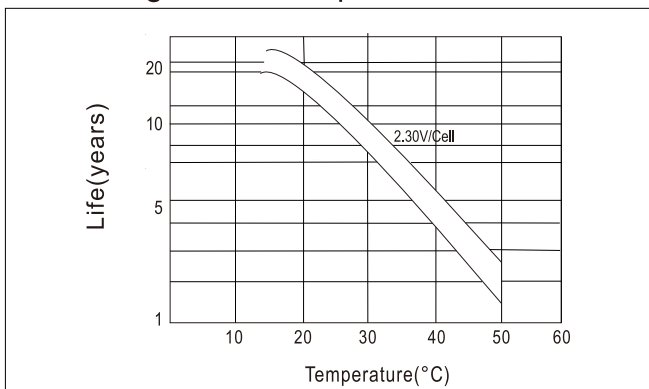
● The Relationship for Open Circuit Voltage and Residual Capacity (25°C)



● The Relationship for Charging Voltage and Temperature



● Floating Life on Temperature



● Cycle Life on D.O.D (25°C)

