



● Specifications

Nominal Voltage		2V
Rated Capacity (10 hour rate)		400Ah
Dimensions	Total Height	365±2mm(14.38 inches)
	Height	330±2mm(13.00 inches)
	Length	210±2mm(8.27 inches)
	Width	171±2mm(6.73 inches)
Weight Approx		23kg(50.72 lbs)±4%

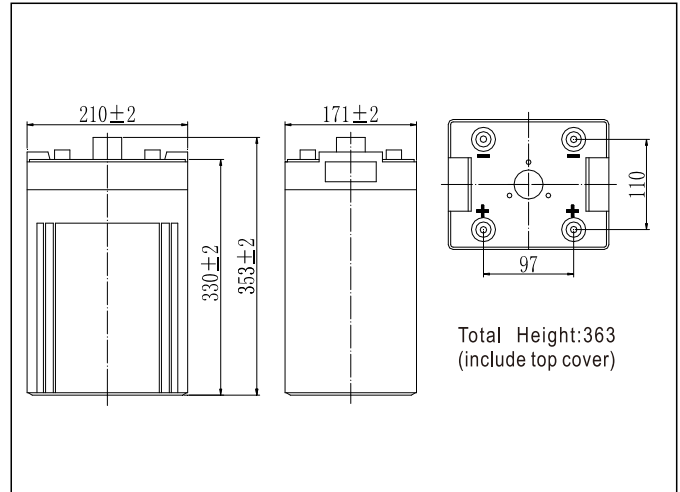
● Characteristics

Capacity °C(77°F)	10 hour rate(40A)	400 AH
	5 hour rate(72A)	360 AH
	1hour rate(240A)	240AH
Internal Resistance	Full charged Battery at 25°C(77°F)	0.6mΩ
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 °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 80 A Voltage 2.40-2.45V
	Float	Voltage 2.25-2.30V

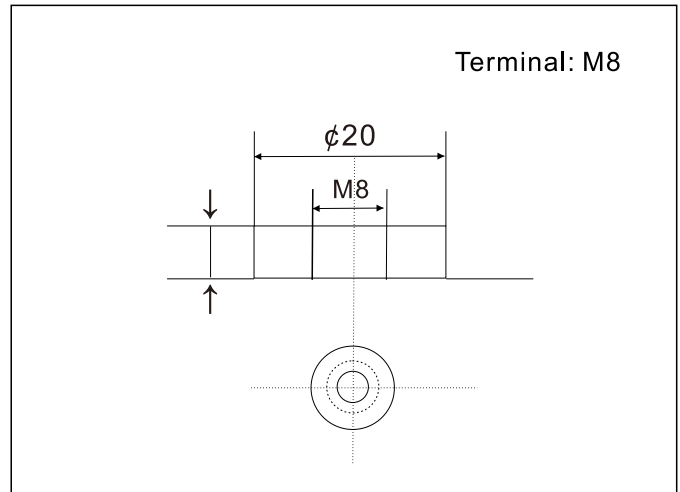
● Applications

- 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)



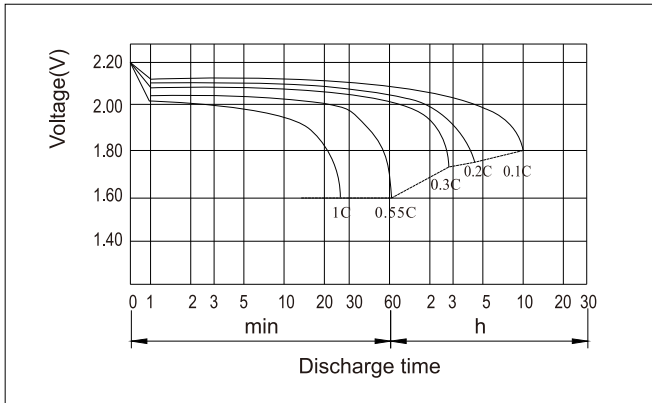
● Terminal Type (mm)



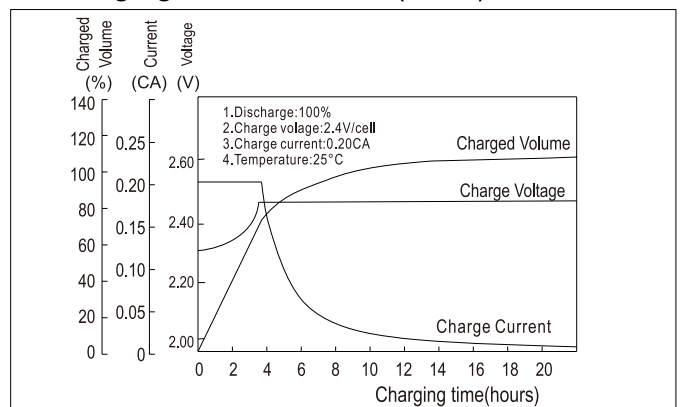
Constant Current(AMP) and Constant Power(Watt) Discharge Table at 25°C(77°F)

Time	30min	60min	2h	3h	4h	5h	6h	8h	10h	20h	24h	
1.60V	A	360	240	146	104	83.6	72.6	62.4	49.0	40.7	21.4	18.5
	W	673	456	282	204	164	143	123	97.4	81.0	42.8	37.2
1.65V	A	353	236	145	103	83.1	72.2	62.1	48.7	40.6	21.3	18.4
	W	660	449	280	203	163	142	122	96.9	80.9	42.7	38.2
1.70V	A	342	230	144	103	82.6	71.7	61.6	48.3	40.5	21.3	18.4
	W	640	428	278	201	162	141	121	96.2	80.6	42.5	37.1
1.75V	A	334	226	142	102	82.0	71.2	61.2	48.0	40.3	21.1	18.3
	W	624	429	274	200	161	140	121	95.5	80.2	42.3	36.8
1.80V	A	321	219	138	98.9	79.5	69.1	59.4	46.6	40.0	21.0	18.2
	W	601	416	267	194	156	136	117	92.7	79.6	42.0	36.6

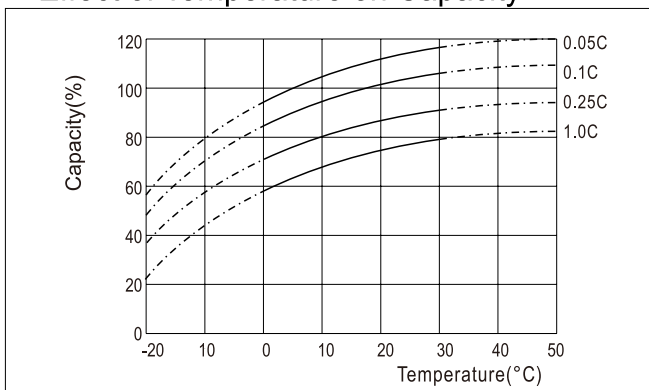
● Discharge Characteristics(25°C)



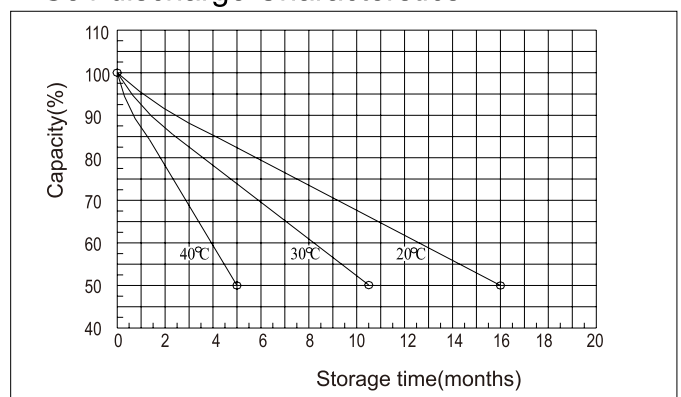
● Charging Characteristics(25°C)



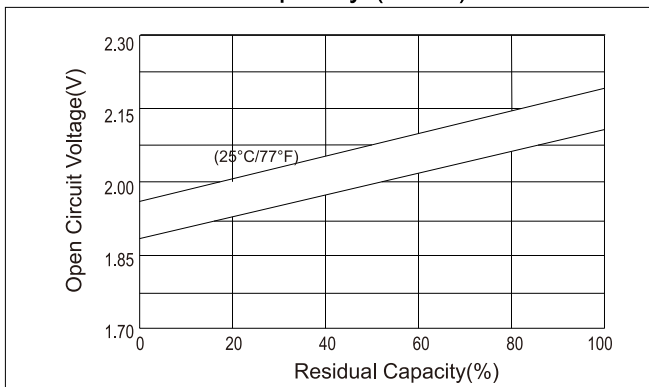
● Effect of Temperature on Capacity



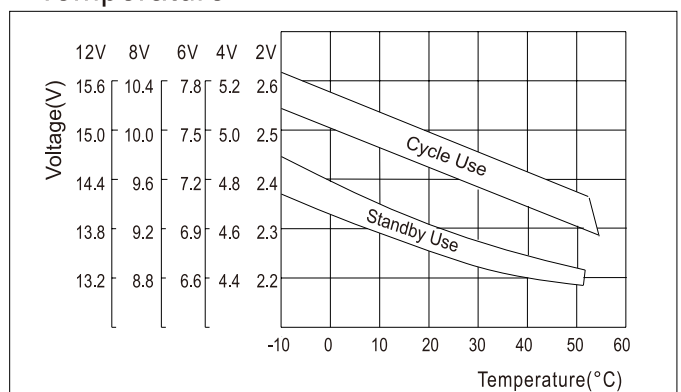
● Self-discharge Characteristics



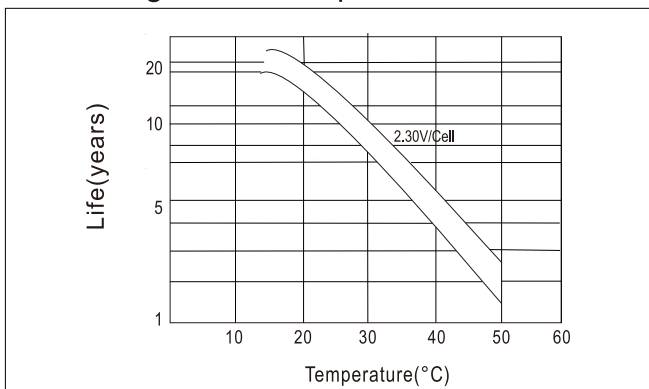
● The Relationship for Open Circuit Voltage and Residual Capacity (25°C)



● The Relationship for Charging Voltage and Temperature



● Floating Life on Temperature



● Cycle Life on D.O.D (25°C)

