

**Features**

- ★ Long survives life: ultra particle composite silicate solution is neutral, not corrode plates inside the battery, survive life is up to 15years standby use.
- ★ It will not generate gas in use, the electrolyte is neutral, so it can reduce environmental pollution. The engine room need no ventilation, explosion-proof, the floor need no acid proof pipeline need not to buried specially, thereby reducing the total cost of the enterprise investment.

**Applications**

- ★ Cable Television
- ★ Communication Equipment
- ★ Security System
- ★ Control Equipment
- ★ Medical Equipment
- ★ Emergency Power System
- ★ Telephone exchange, various communication systems;
- ★ Electricity-generation stations;
- ★ CATV backup applications

Battery Model		2V400AH			
Nominal Voltage		2V			
Capacity(25°C)	10HR(1.80V)	3HR(1.80V)		1HR(1.75V)	
	400AH	300AH		220AH	
Dimensions	Length	Width	Height	Total Height	
	166mm	184.5mm	360.5mm	372mm	
Approx.Weight	25.0kg				
Internal Resistance	0.3mΩ				
Max Charge Current Allowed	100A				
Charge Voltage(25°C)	Cycle use 2.35V/cell			Float use 2.25V/cell	
Temperature Ranges	Operation(maximum): -40°C to 55°C (-40°F to 131°F)				
	Operation(recommended): 15°C to 25°C (59°F to 77°F)				
	Storage: -20°C to 40°C (-4°F to 104°F)				
Terminal	M8 Female				

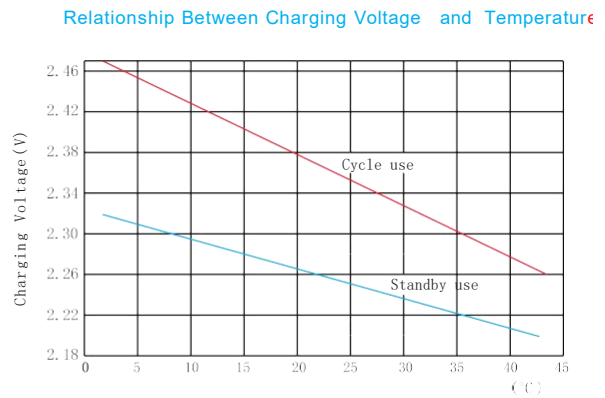
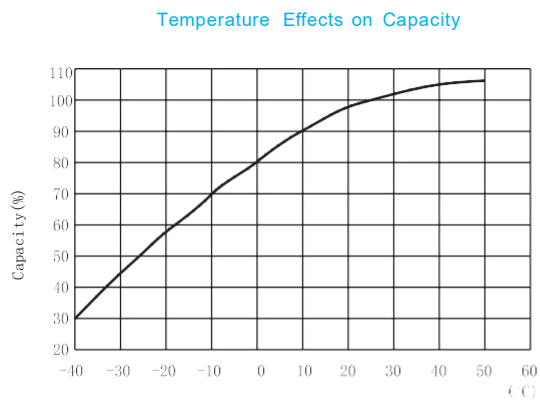
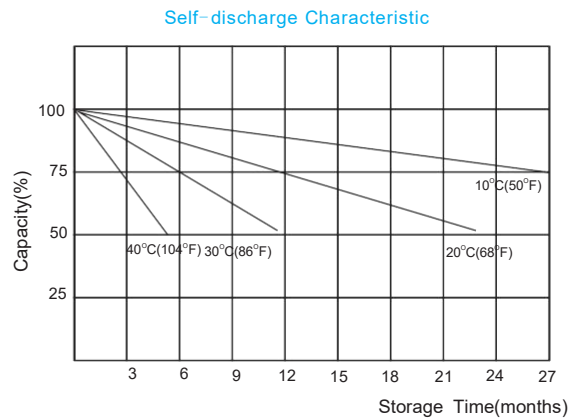
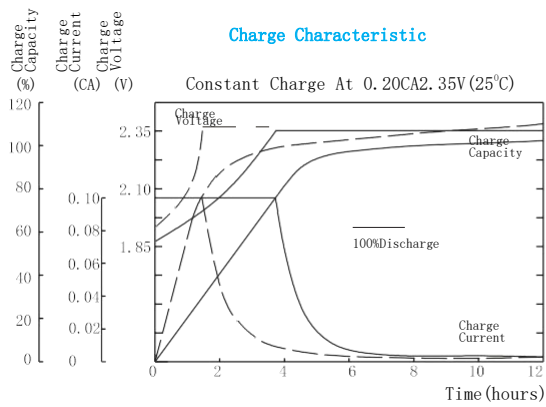
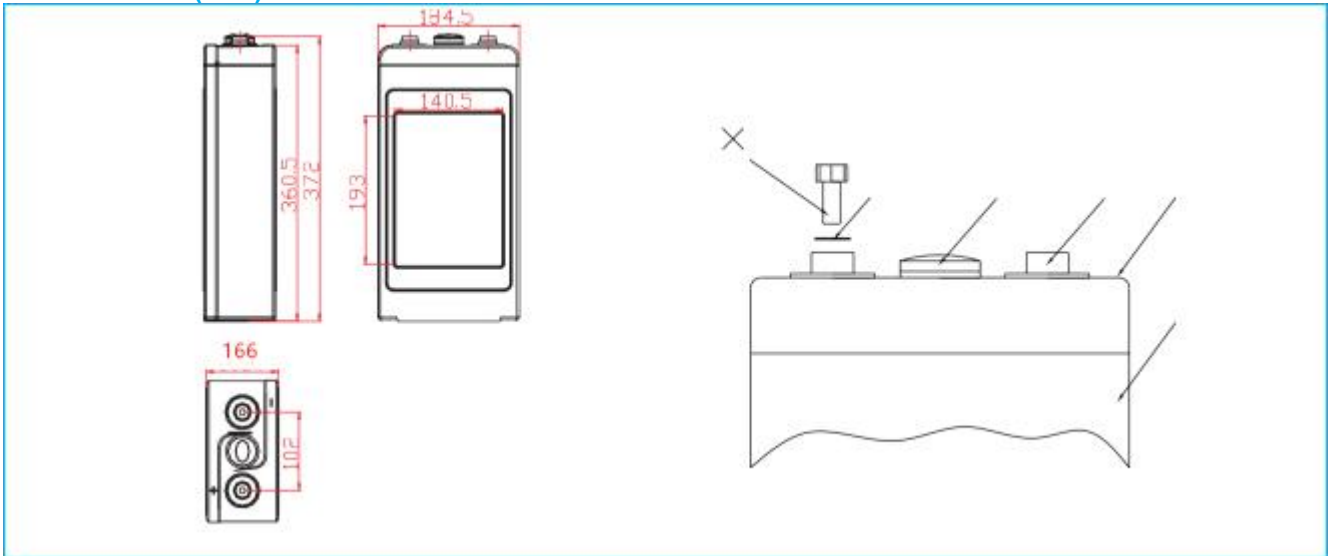
**Constant Current Discharge Characteristics Units: Amperes (25°C, 77°F)**

End voltage per cell	5min	15min	30min	1hr	2hr	3hr	5hr	6hr	8hr	10hr	24hr	48hr	100hr
1.60V	695.2	584.8	417.6	264.0	155.9	114.4	77.6	66.9	53.4	44.3	20.0	10.4	5.6
1.65V	662.4	558.4	400.0	250.4	152.3	111.6	75.7	66.0	52.7	43.8	19.9	10.3	5.6
1.70V	622.4	533.6	368.0	239.2	146.7	108.4	75.0	65.2	51.7	43.2	19.8	10.2	5.5
1.75V	580.8	492.0	342.0	228.0	141.5	105.0	72.9	64.1	51.1	42.6	19.6	10.1	5.3
1.80V	532.9	440.0	320.0	213.6	135.5	101.8	71.3	62.5	50.1	41.6	19.2	9.9	5.2
1.85V	471.9	390.1	285.3	192.8	122.2	96.6	68.8	60.5	48.7	40.5	18.6	9.7	5.0
1.90V	400.8	326.4	244.8	171.2	114.6	90.6	66.3	58.3	46.8	39.1	18.2	9.4	4.8

**Discharge Data with Constant Power Units: Watts per cell (25°C, 77°F)**

End voltage per cell	5min	15min	30min	1hr	2hr	3hr	4hr	5hr	6hr	8hr	10hr	24hr
1.60V	1147.7	961.2	765.4	541.2	349.2	258.6	206.3	170.8	145.9	114.0	93.1	42.0
1.65V	1091.5	922.4	723.9	500.1	320.3	242.7	195.6	164.9	141.3	109.8	90.9	41.2
1.70V	1049.4	889.7	705.9	476.2	311.0	234.1	189.0	161.2	138.5	107.4	88.2	40.4
1.75V	1016.7	856.3	681.8	457.6	300.0	225.5	185.0	157.2	135.3	103.5	86.9	40.0
1.80V	988.6	816.2	657.7	447.0	294.5	217.5	179.1	152.8	131.3	100.8	85.6	39.4
1.85V	899.0	743.3	584.9	406.5	270.6	206.0	172.2	145.6	124.4	97.5	82.2	37.8
1.90V	793.4	645.0	493.3	350.2	234.8	191.0	160.3	136.1	116.2	91.2	76.3	35.4

## Dimensions (mm)



Pb