

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		2V2000AH			
Nominal Voltage		2V			
Capacity(25 °C)	10HR(1.80V)	3HR(1.80V)		1HR(1.75V)	
	2000AH	1500AH		1100AH	
Dimensions	Length	Width	Height	Total Height	
	349mm	233mm	555mm	566mm	
Approx.Weight	122kg				
Internal Resistance	0.11mΩ				
Max Charge Current Allowed	500A				
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				

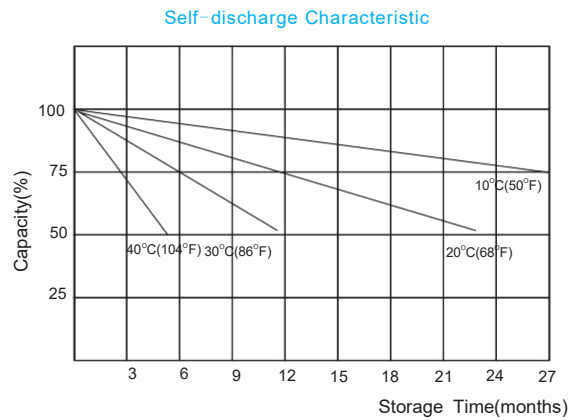
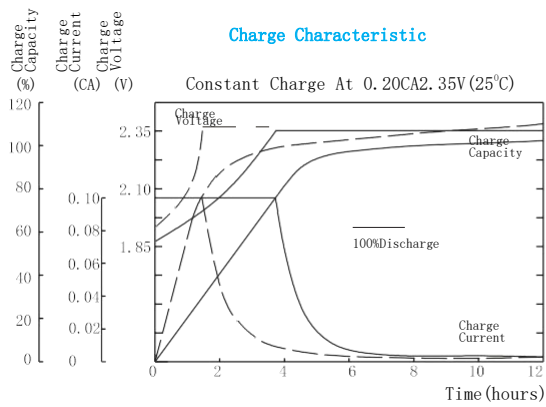
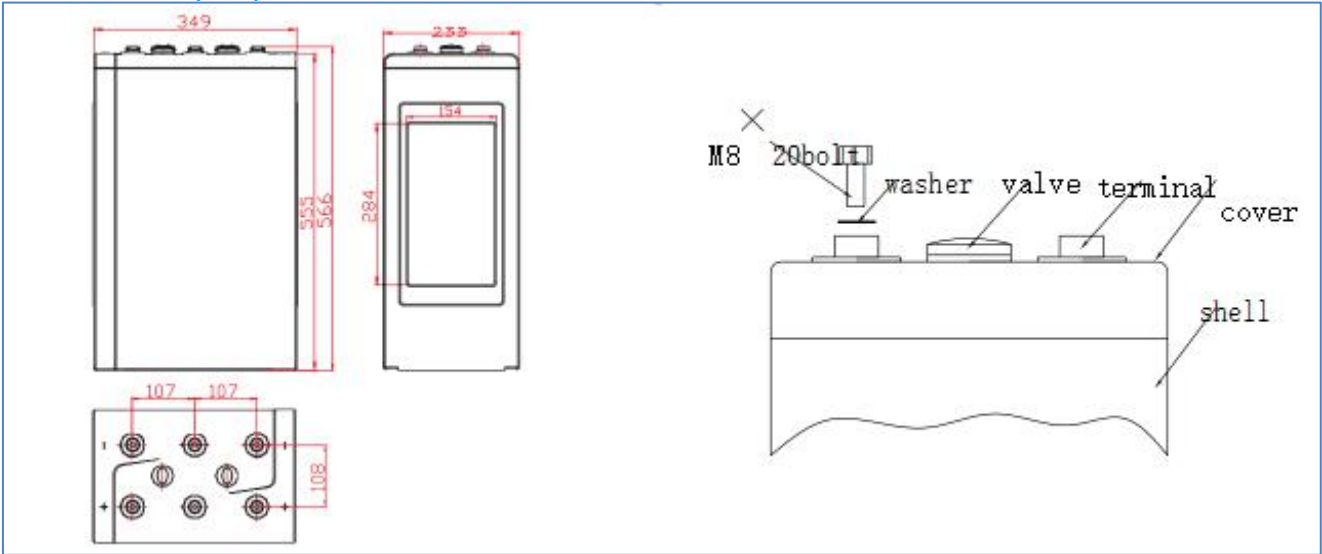
Constant Current Discharge Characteristics Units: Amperes (25 °C, 77 °F)

End voltage per cell	5min	15min	30min	1hr	2hr	3hr	5hr	6hr	8hr	10hr	24hr	48hr	100hr
1.60V	2910.1	2448.6	1989.8	1311.3	807.5	592.8	383.7	330.6	258.8	212.2	98.3	52.5	29.4
1.65V	2728.9	2304.8	1814.7	1237.7	784.5	576.9	379.0	326.6	256.6	211.0	96.9	52.1	29.0
1.70V	2564.6	2181.0	1659.5	1176.0	757.6	550.9	369.5	318.8	252.9	207.7	96.5	51.7	28.6
1.75V	2419.3	2052.9	1530.2	1102.5	729.7	538.3	363.2	314.1	249.4	205.9	95.7	51.0	27.8
1.80V	2285.6	1914.5	1432.7	1045.9	707.8	521.6	352.4	305.7	242.7	203.2	93.6	50.2	26.9
1.85V	1962.3	1628.5	1259.5	931.2	638.0	482.8	332.6	291.1	234.9	194.9	90.9	47.8	26.0
1.90V	1607.1	1285.7	1046.6	765.4	533.3	429.2	301.2	262.6	211.8	177.6	84.9	44.6	24.0

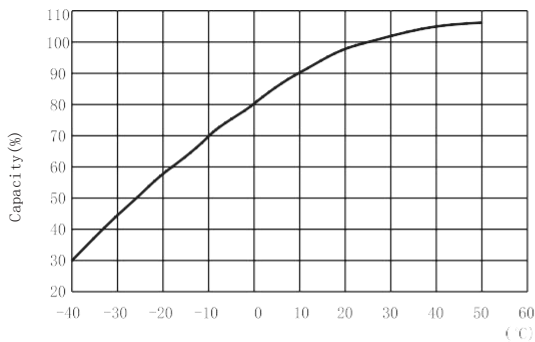
Discharge Data with Constant Power Units: Watts per cell (25 °C, 77 °F)

End voltage per cell	5min	15min	30min	1hr	2hr	3hr	4hr	5hr	6hr	8hr	10hr	24hr
1.60V	5635.6	4719.9	3758.2	2676.2	1726.7	1279.0	1020.0	844.8	721.5	564.0	460.5	207.6
1.65V	5359.9	4529.5	3554.7	2472.8	1584.1	1200.3	967.5	815.3	698.6	543.1	449.4	203.7
1.70V	5153.1	4368.7	3466.1	2354.8	1538.1	1157.7	934.7	796.9	684.8	531.3	436.2	199.7
1.75V	4992.3	4204.6	3347.9	2262.9	1483.7	1115.1	915.0	777.3	669.0	511.6	429.6	197.8
1.80V	4854.4	4007.6	3229.7	2210.5	1456.1	1075.7	885.5	755.6	649.4	498.5	423.1	194.8
1.85V	4414.6	3649.9	2872.0	2010.4	1338.1	1018.6	851.4	720.2	614.9	482.1	406.7	186.9
1.90V	3896.0	3167.4	2422.3	1731.6	1161.0	944.5	792.7	673.0	574.6	451.0	377.2	175.1

Dimensions (mm)



Temperature Effects on Capacity



Relationship Between Charging Voltage and Temperature

