

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		2V300AH		
Nominal Voltage		2V		
Capacity(25°C)	10HR(1.80V)	3HR(1.80V)	1HR(1.75V)	
	300AH	225AH	165AH	
Dimensions	Length	Width	Height	Total Height
	123mm	184.5mm	360.5mm	372mm
Approx.Weight	19.0kg			
Internal Resistance	0.48mΩ			
Max Charge Current Allowed	75A			
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			

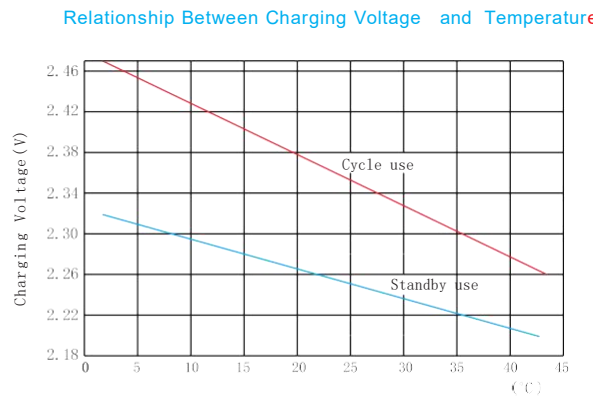
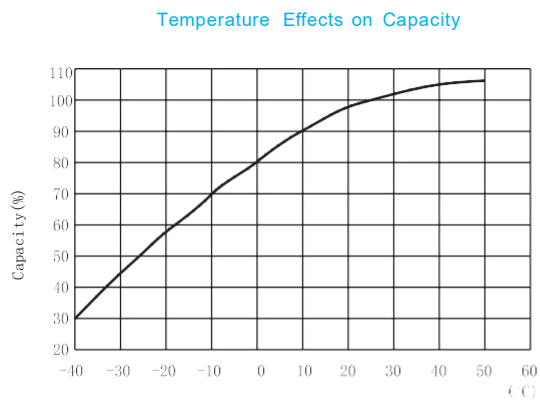
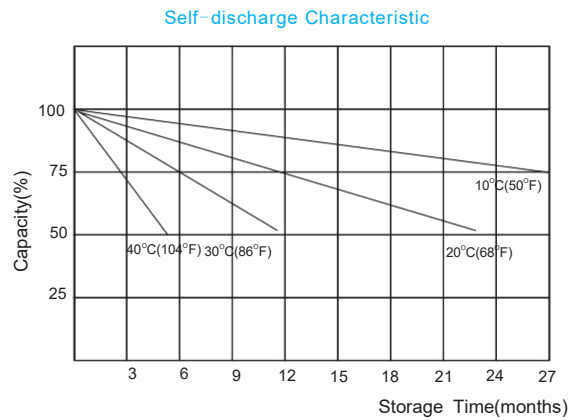
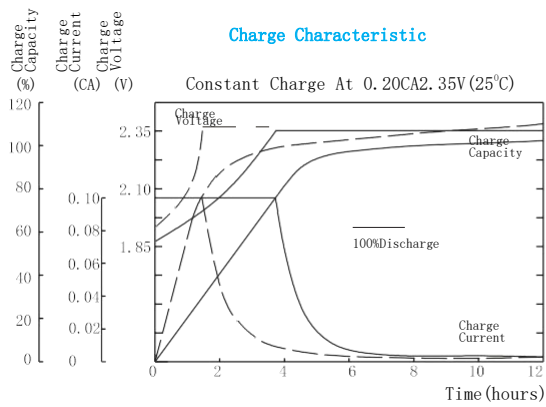
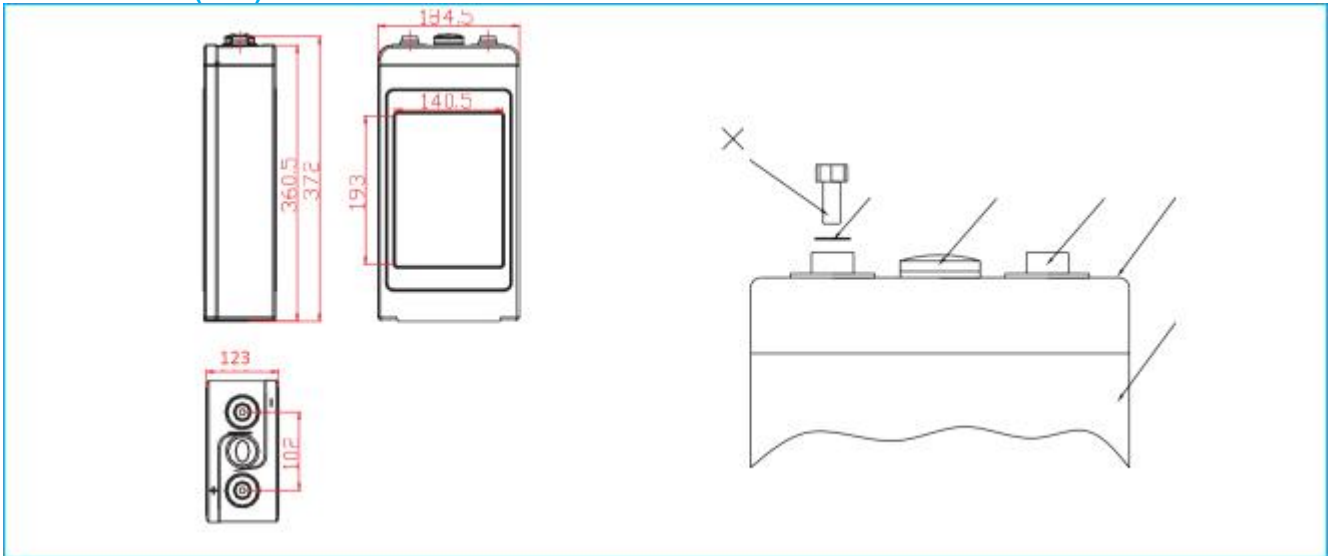
Constant Current Discharge Characteristics Units: Amperes (25°C, 77°F)

End voltage per cell	5min	15min	30min	1hr	2hr	3hr	5hr	6hr	8hr	10hr	24hr	48hr	100hr
1.60V	521.4	438.6	313.2	198.0	116.9	85.8	58.2	50.2	40.0	33.2	15.0	7.8	4.2
1.65V	496.8	418.8	300.0	187.8	114.2	83.7	56.7	49.5	39.5	32.9	14.9	7.7	4.2
1.70V	466.8	400.2	276.0	179.4	110.0	81.3	56.3	48.9	38.8	32.4	14.8	7.7	4.1
1.75V	435.6	369.0	256.5	171.0	106.2	78.7	54.7	48.1	38.3	31.9	14.7	7.6	4.0
1.80V	399.7	330.0	240.0	160.2	101.6	76.3	53.4	46.9	37.6	31.2	14.4	7.5	3.9
1.85V	353.9	292.6	214.0	144.6	91.7	72.4	51.6	45.4	36.5	30.4	13.9	7.3	3.7
1.90V	300.6	244.8	183.6	128.4	86.0	67.9	49.7	43.7	35.1	29.3	13.6	7.1	3.6

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	853.9	715.1	569.4	402.6	259.8	192.4	153.5	127.1	108.6	84.8	69.3	31.2
1.65V	812.1	686.3	538.6	372.0	238.3	180.6	145.6	122.7	105.1	81.7	67.6	30.6
1.70V	780.8	661.9	525.2	354.3	231.4	174.2	140.6	119.9	103.0	79.9	65.6	30.0
1.75V	756.4	637.1	507.3	340.5	223.2	167.8	137.7	116.9	100.7	77.0	64.6	29.8
1.80V	735.5	607.2	489.4	332.6	219.1	161.8	133.2	113.7	97.7	75.0	63.7	29.3
1.85V	668.9	553.0	435.1	302.5	201.3	153.3	128.1	108.4	92.5	72.5	61.2	28.1
1.90V	590.3	479.9	367.0	260.5	174.7	142.1	119.3	101.3	86.4	67.9	56.7	26.3

Dimensions (mm)





Pb

