

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		2V1000AH		
Nominal Voltage		2V		
Capacity(25 °C)	10HR(1.80V)	3HR(1.80V)		1HR(1.75V)
	1000AH	750AH		550AH
Dimensions	Length	Width	Height	Total Height
	186mm	229mm	555mm	566mm
Approx.Weight	62.8kg			
Internal Resistance	0.18mΩ			
Max Charge Current Allowed	250A			
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	1455.0	1224.3	994.9	655.6	403.7	296.4	192.8	166.1	130.1	106.6	49.4	26.4	14.8
1.65V	1364.4	1152.4	907.3	618.8	392.3	288.4	190.4	164.2	128.9	106.0	48.7	26.2	14.6
1.70V	1282.3	1090.5	829.7	588.0	378.8	275.5	185.7	160.2	127.1	104.4	48.5	26.0	14.4
1.75V	1209.6	1026.4	765.1	551.2	364.9	269.2	182.5	157.8	125.3	103.5	48.1	25.7	14.0
1.80V	1142.8	957.3	716.3	523.0	353.9	260.8	177.1	153.6	122.0	102.1	47.1	25.2	13.5
1.85V	981.2	814.2	629.8	465.6	319.0	241.4	167.1	146.3	118.0	97.9	45.7	24.0	13.1
1.90V	803.6	642.9	523.3	382.7	266.7	214.6	151.4	132.0	106.4	89.3	42.7	22.4	12.1

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	2840.5	2379.0	1894.2	1348.9	870.3	644.7	514.1	425.8	363.7	284.3	232.1	104.6
1.65V	2701.6	2283.0	1791.7	1246.4	798.4	605.0	487.6	410.9	352.1	273.7	226.5	102.7
1.70V	2597.3	2202.0	1747.0	1186.9	775.3	583.5	471.1	401.7	345.2	267.8	219.9	100.7
1.75V	2516.3	2119.2	1687.4	1140.6	747.8	562.0	461.2	391.8	337.2	257.9	216.5	99.7
1.80V	2446.8	2020.0	1627.9	1114.1	733.9	542.2	446.3	380.9	327.3	251.3	213.2	98.2
1.85V	2225.1	1839.6	1447.6	1013.3	674.4	513.4	429.1	363.0	309.9	243.0	205.0	94.2
1.90V	1963.7	1596.5	1220.9	872.8	585.2	476.1	399.5	339.2	289.6	227.3	190.1	88.3

