

**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	2V1200AH			
Nominal Voltage	2V			
Capacity(25 °C)	10HR(1.80V) 1200AH	3HR(1.80V) 900AH	1HR(1.75V) 660AH	
Dimensions	Length 225mm	Width 229mm	Height 555mm	Total Height 566mm
Approx.Weight	75.5kg			
Internal Resistance	0.17mΩ			
Max Charge Current Allowed	300A			
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	1744.3	1467.7	1192.7	786	484.5	355.7	232.5	200.8	157.2	128.9	59.7	31.9	17.9
1.65V	1635.7	1381.5	1087.7	741.8	470.7	346.1	229.7	198.4	155.8	128.2	58.9	31.6	17.6
1.70V	1537.2	1307.3	994.7	704.9	454.6	330.6	223.9	193.6	153.6	126.1	58.6	31.4	17.3
1.75V	1450.1	1230.5	917.2	660.8	437.8	323	220.1	190.7	151.5	125.1	58.1	31	16.9
1.80V	1370	1147.6	858.7	626.9	424.7	312.9	213.6	185.7	147.4	123.4	56.9	30.5	16.3
1.85V	1176.2	976.1	755	558.2	382.8	289.7	201.6	176.8	142.6	118.4	55.2	29	15.8
1.90V	963.3	770.7	627.4	458.8	320	257.5	182.5	159.5	128.6	107.9	51.6	27.1	14.6

**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	3401.8	2849.1	2268.5	1615.4	1042.3	772.1	615.7	510	435.5	340.4	277.9	125.3
1.65V	3235.4	2734.1	2145.7	1492.7	956.2	724.6	584	492.1	421.7	327.8	271.3	122.9
1.70V	3110.6	2637.1	2092.2	1421.4	928.5	698.8	564.2	481.1	413.4	320.7	263.3	120.6
1.75V	3013.5	2538	2020.9	1366	895.6	673.1	552.3	469.2	403.9	308.8	259.3	119.4
1.80V	2930.3	2419.1	1949.6	1334.3	879	649.3	534.5	456.1	392	300.9	255.4	117.6
1.85V	2664.8	2203.2	1733.6	1213.5	807.7	614.9	513.9	434.7	371.2	291	245.5	112.8
1.90V	2351.8	1911.9	1462.2	1045.3	700.8	570.1	478.5	406.2	346.8	272.2	227.7	105.7

## Dimensions (mm)

