

**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		2V1500AH		
Nominal Voltage		2V		
Capacity(25 °C)	10HR(1.80V)	3HR(1.80V)		1HR(1.75V)
	1500AH	1125AH		825AH
Dimensions	Length	Width	Height	Total Height
	265.5mm	229mm	555mm	566mm
Approx.Weight	93kg			
Internal Resistance	0.15mΩ			
Max Charge Current Allowed	375A			
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	2182.6	1836.5	1492.4	983.5	605.6	444.6	287.8	247.9	194.1	159.2	73.8	39.4	22.1
1.65V	2046.7	1728.6	1361.0	928.2	588.4	432.6	284.2	245.0	192.4	158.3	72.7	39.1	21.8
1.70V	1923.5	1635.8	1244.6	882.0	568.2	413.2	277.1	239.1	189.7	155.8	72.4	38.8	21.4
1.75V	1814.5	1539.6	1147.6	826.8	547.3	403.7	272.4	235.5	187.1	154.5	71.7	38.3	20.8
1.80V	1714.2	1435.9	1074.5	784.5	530.8	391.2	264.3	229.3	182.0	152.4	70.2	37.6	20.2
1.85V	1471.7	1221.4	944.7	698.4	478.5	362.1	249.4	218.3	176.2	146.2	68.2	35.8	19.5
1.90V	1205.4	964.3	785.0	574.0	400.0	321.9	225.9	197.0	158.8	133.2	63.7	33.5	18.0

**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	4239.5	3550.6	2827.2	2013.2	1299.0	962.2	767.3	635.5	542.8	424.3	346.4	156.2
1.65V	4032.1	3407.4	2674.1	1860.2	1191.6	903.0	727.8	613.3	525.5	408.6	338.1	153.2
1.70V	3876.5	3286.4	2607.4	1771.4	1157.1	870.9	703.1	599.5	515.1	399.7	328.1	150.2
1.75V	3755.5	3163.0	2518.5	1702.3	1116.1	838.8	688.3	584.7	503.3	384.9	323.2	148.8
1.80V	3651.8	3014.8	2429.6	1662.9	1095.4	809.2	666.1	568.4	488.5	375.0	318.3	146.5
1.85V	3321.0	2745.7	2160.5	1512.4	1006.6	766.3	640.5	541.8	462.6	362.7	305.9	140.6
1.90V	2930.9	2382.7	1822.2	1302.7	873.4	710.5	596.3	506.3	432.2	339.3	283.7	131.7

## Dimensions (mm)

