

**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	2V3000AH			
Nominal Voltage	2V			
Capacity(25 °C)	10HR(1.80V) 3000AH	3HR(1.80V) 2250AH	1HR(1.75V) 1650AH	
Dimensions	Length 496mm	Width 363mm	Height 361.7mm	Total Height 373.5mm
Approx.Weight	175kg			
Internal Resistance	0.10mΩ			
Max Charge Current Allowed	750A			
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	4365.1	3672.9	2984.7	1966.9	1211.2	889.2	575.5	495.9	388.2	318.3	147.5	78.8	44.2
1.65V	4093.3	3457.1	2722.0	1856.5	1176.8	865.3	568.4	490.0	384.9	316.5	145.4	78.1	43.5
1.70V	3846.9	3271.6	2489.2	1764.0	1136.4	826.4	554.2	478.1	379.3	311.6	144.8	77.5	42.8
1.75V	3628.9	3079.3	2295.2	1653.7	1094.6	807.5	544.7	471.1	374.1	308.9	143.5	76.6	41.7
1.80V	3428.4	2871.8	2149.0	1568.9	1061.7	782.4	528.6	458.6	364.1	304.8	140.5	75.3	40.4
1.85V	2943.5	2442.7	1889.3	1396.8	957.0	724.2	498.9	436.7	352.3	292.4	136.4	71.6	39.0
1.90V	2410.7	1928.6	1570.0	1148.0	800.0	643.9	451.8	393.9	317.7	266.4	127.4	66.9	36.0

**Discharge Data with Constant PowerUnits: 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	8453.4	7079.8	5637.3	4014.2	2590.1	1918.6	1529.9	1267.2	1082.3	845.9	690.7	311.4
1.65V	8039.9	6794.3	5332.0	3709.2	2376.1	1800.5	1451.2	1223.0	1047.8	814.7	674.2	305.5
1.70V	7729.7	6553.0	5199.1	3532.1	2307.2	1736.6	1402.0	1195.4	1027.2	796.9	654.3	299.6
1.75V	7488.5	6306.8	5021.8	3394.4	2225.5	1672.6	1372.5	1165.9	1003.6	767.4	644.4	296.6
1.80V	7281.7	6011.4	4844.6	3315.7	2184.2	1613.6	1328.2	1133.4	974.0	747.8	634.6	292.2
1.85V	6621.9	5474.8	4308.0	3015.6	2007.1	1528.0	1277.1	1080.3	922.4	723.2	610.0	280.4
1.90V	5844.0	4751.1	3633.5	2597.4	1741.5	1416.8	1189.0	1009.5	861.9	676.5	565.7	262.7

## Dimensions (mm)

