

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	2V200AH			
Nominal Voltage	2V			
Capacity(25°C)	10HR(20A, 1.80V) 200AH	3HR(50A, 1.80V) 150AH	1HR(110A, 1.75V) 110AH	
Dimensions	Length 94.5mm	Width 184.5mm	Height 360.5mm	Total Height 372mm
Approx. Weight	13.5kg			
Internal Resistance	0.67mΩ			
Max Charge Current Allowed	50A			
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	347.6	292.4	208.8	132.0	77.9	57.2	38.8	33.5	26.7	22.2	10.0	5.2	2.8
1.65V	331.2	279.2	200.0	125.2	76.1	55.8	37.8	33.0	26.3	21.9	9.9	5.2	2.8
1.70V	311.2	266.8	184.0	119.6	73.3	54.2	37.5	32.6	25.8	21.6	9.9	5.1	2.7
1.75V	290.4	246.0	171.0	114.0	70.8	52.5	36.5	32.1	25.5	21.3	9.8	5.1	2.7
1.80V	266.5	220.0	160.0	106.8	67.7	50.9	35.6	31.3	25.0	20.8	9.6	5.0	2.6
1.85V	235.9	195.1	142.7	96.4	61.1	48.3	34.4	30.3	24.3	20.2	9.3	4.9	2.5
1.90V	200.4	163.2	122.4	85.6	57.3	45.3	33.1	29.1	23.4	19.6	9.1	4.7	2.4

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	573.8	480.6	382.7	270.6	174.6	129.3	103.1	85.4	73.0	57.0	46.6	21.0
1.65V	545.8	461.2	362.0	250.0	160.2	121.4	97.8	82.4	70.6	54.9	45.4	20.6
1.70V	524.7	444.8	352.9	238.1	155.5	117.1	94.5	80.6	69.2	53.7	44.1	20.2
1.75V	508.3	428.1	340.9	228.8	150.0	112.7	92.5	78.6	67.6	51.7	43.4	20.0
1.80V	494.3	408.1	328.9	223.5	147.2	108.8	89.5	76.4	65.7	50.4	42.8	19.7
1.85V	449.5	371.6	292.4	203.3	135.3	103.0	86.1	72.8	62.2	48.7	41.1	18.9
1.90V	396.7	322.5	246.7	175.1	117.4	95.5	80.1	68.0	58.1	45.6	38.1	17.7

Dimensions (mm)

