

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	2V500AH				
Nominal Voltage	2V				
Capacity(25 °C)	10HR(1.80V) 500AH	3HR(1.80V) 375AH		1HR(1.75V) 275AH	
Dimensions	Length 194.5mm	Width 184.5mm	Height 360.5mm	Total Height 372mm	
Approx.Weight	30.0kg				
Internal Resistance	0.3mΩ				
Max Charge Current Allowed	125A				
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	869	731	522	330	194.9	143.0	97.0	83.7	66.7	55.4	24.9	13.00	7.06
1.65V	828	698	500	313	190.4	139.5	94.6	82.6	65.8	54.8	24.8	12.90	6.95
1.70V	778	667	460	299	183.3	135.5	93.8	81.5	64.6	54.0	24.7	12.79	6.85
1.75V	726	615	427	285	176.9	131.2	91.2	80.2	63.8	53.2	24.4	12.64	6.66
1.80V	666	550	400	267	169.3	127.2	89.1	78.1	62.6	52.0	24.0	12.43	6.45
1.85V	590	488	357	241	152.8	120.7	86.1	75.6	60.8	50.6	23.2	12.14	6.24
1.90V	501	408	306	214	143.3	113.2	82.9	72.8	58.5	48.9	22.7	11.80	5.95

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	1434.6	1201.5	956.7	676.5	436.5	323.3	257.8	213.6	182.4	142.6	116.4	52.5
1.65V	1364.4	1153.0	904.9	625.1	400.4	303.4	244.6	206.1	176.6	137.3	113.6	51.5
1.70V	1311.8	1112.1	882.3	595.2	388.8	292.6	236.3	201.4	173.1	134.3	110.3	50.5
1.75V	1270.8	1070.3	852.2	572.0	375.0	281.9	231.3	196.5	169.1	129.3	108.6	50.0
1.80V	1235.8	1020.2	822.2	558.7	368.1	271.9	223.8	191.0	164.1	126.0	106.9	49.2
1.85V	1123.8	929.1	731.1	508.2	338.2	257.5	215.2	182.0	155.4	121.9	102.8	47.3
1.90V	991.8	806.3	616.6	437.7	293.5	238.8	200.4	170.1	145.2	114.0	95.3	44.3

Dimensions (mm)



