

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		2V800AH			
Nominal Voltage		2V			
Capacity(25 °C)	10HR(1.80V)	3HR(1.80V)		1HR(1.75V)	
	800AH	600AH		440AH	
Dimensions	Length	Width	Height	Total Height	
	154mm	229mm	555mm	566mm	
Approx.Weight	52.7kg				
Internal Resistance	0.22mΩ				
Max Charge Current Allowed	200A				
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	1164.0	979.5	795.9	524.5	323.0	237.1	155.0	133.6	104.6	85.7	39.7	21.2	11.9
1.65V	1091.5	921.9	725.9	495.1	313.8	230.7	153.1	132.0	103.7	85.3	39.2	21.1	11.7
1.70V	1025.9	872.4	663.8	470.4	303.0	220.4	149.3	128.8	102.2	83.9	39.0	20.9	11.5
1.75V	967.7	821.1	612.1	441.0	291.9	215.3	146.7	126.9	100.8	83.2	38.7	20.6	11.2
1.80V	914.2	765.8	573.1	418.4	283.1	208.6	142.4	123.5	98.1	82.1	37.8	20.3	10.9
1.85V	784.9	651.4	503.8	372.5	255.2	193.1	134.4	117.6	94.9	78.8	36.7	19.3	10.5
1.90V	642.9	514.3	418.7	306.1	213.3	171.7	121.7	106.1	85.6	71.8	34.3	18.0	9.7

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	2272.4	1903.2	1515.4	1079.1	696.3	515.7	411.3	340.7	290.9	227.4	185.7	83.7
1.65V	2161.3	1826.4	1433.3	997.1	638.7	484.0	390.1	328.8	281.7	219.0	181.2	82.1
1.70V	2077.9	1761.6	1397.6	949.5	620.2	466.8	376.9	321.3	276.1	214.2	175.9	80.5
1.75V	2013.0	1695.4	1350.0	912.5	598.3	449.6	369.0	313.4	269.8	206.3	173.2	79.7
1.80V	1957.4	1616.0	1302.3	891.3	587.2	433.8	357.1	304.7	261.8	201.0	170.6	78.6
1.85V	1780.1	1471.7	1158.1	810.6	539.5	410.7	343.3	290.4	248.0	194.4	164.0	75.4
1.90V	1571.0	1277.2	976.7	698.2	468.1	380.9	319.6	271.4	231.7	181.9	152.1	70.6

Dimensions (mm)



