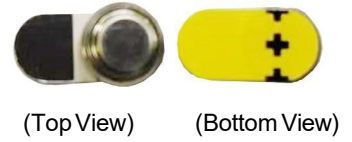


DATASHEET

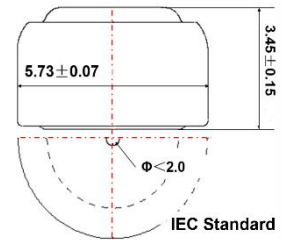
A10/PR536 (Mercury free)

Greatpower StockNumber	10MF
Name	10 Mercury Free
Cell Chemistry	Zinc Air
Recommended Use	Hearing Aid Instruments
Nominal Volatge	1.45 V
Typical Weight	0.3g
Typical Volume	0.08cm ³
Environmental	These cells have no added mercury.
Operating Temp	0°C to 50°C
Standard Capacity(IEC 60086-2:2015):	90mAh (90h) - 1mA background, 5mA pulse, Six repeated cycles of the pulse load for 100ms, followed by background load for 119min,59s,900ms, then off for 3h. Cut-off 1.05V at 20°C and 60% RH.
High Drain Test (IEC60086-2:2015):	75mAh (50h) - 1.5mA background, 5mA pulse, Six repeated cycles of the pulse load for 100ms, followed by background load for 119min,59s,900ms, then off for 3h. Cut-off 1.1V at 20°C and 60% RH.
Storage Loss at70°F(21°C)	Less than 5% in one year with tabapplied.
Shelf Life	3 years (Room Temperature Preservation)
Activation and use	Remove and discard the plastic tab covering air holes. Allow the battery to stand for one minute to insure proper activation. The battery compartment must allow for an adequate oxygen supply to reach airholes.

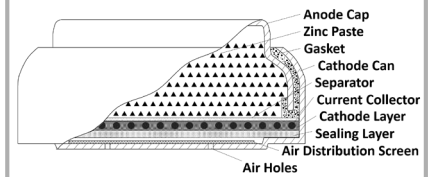
Appearance:



Dimensions: Unit:mm

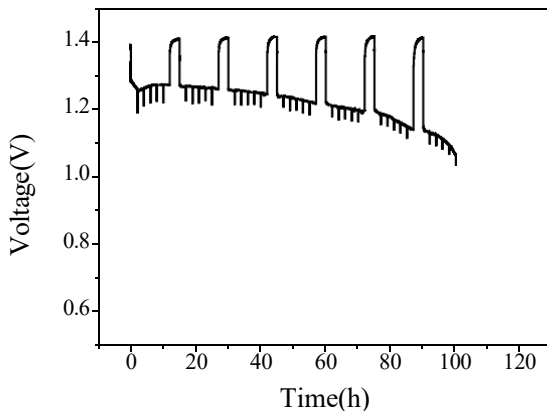


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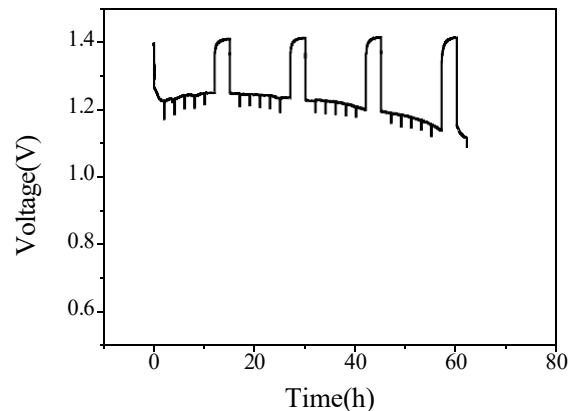


Typical IEC Discharge Performance

IEC 60086-2:2015 Standard



IEC 60086-2:2015 High Drain Test



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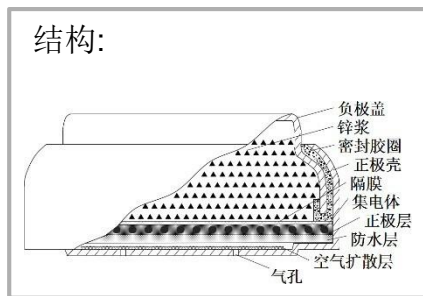
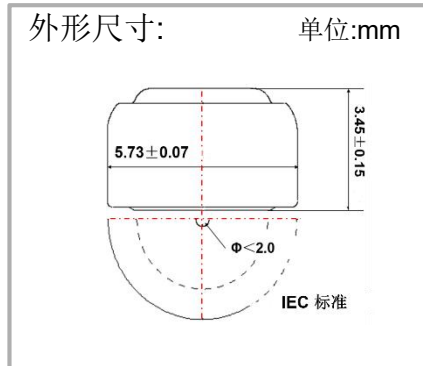
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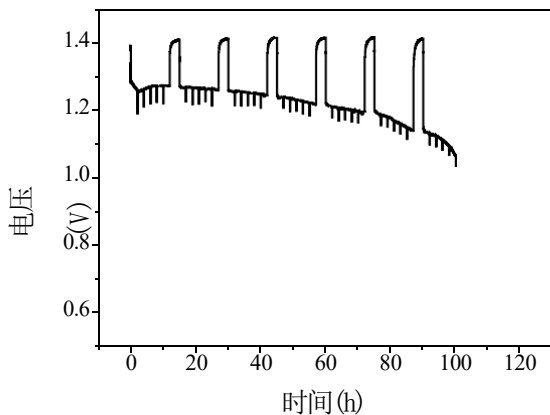
A10/PR536 (无汞)

物料编号	10MF
名称	10无汞
电池类型	锌空
推荐使用	助听设备
标称电压	1.45 V
重量	0.3g
体积	0.08cm ³
环保	该电池不含汞
使用温度	0°C 到 50°C
标准放电时间: (IEC 60086-2:2015)	90mAh (90h) - 20°C和60%相对湿度下, 1mA背景电流, 5mA 脉冲, 脉冲放电100ms, 背景电流放电119min,59s,900ms, 循环6次后搁置3小时, 再循环连续放电至1.05终止.
大倍率脉冲放电: (IEC 60086-2:2015)	75mAh (50h) - 20°C和60%相对湿度下, 1.5mA背景电流, 5mA 脉冲, 脉冲放电100ms, 背景电流放电119min,59s,900ms, 循环6次后搁置3小时, 再循环连续放电至1.1终止.
70°F(21°C) 贮藏容量损失	带贴纸每年小于5%
保质期	3年 (常温保存)
激活与使用	撕开并丢弃覆盖气孔的塑料贴纸, 保持一分钟以激活电池。电池舱必须有足够的氧气供应至空气孔。

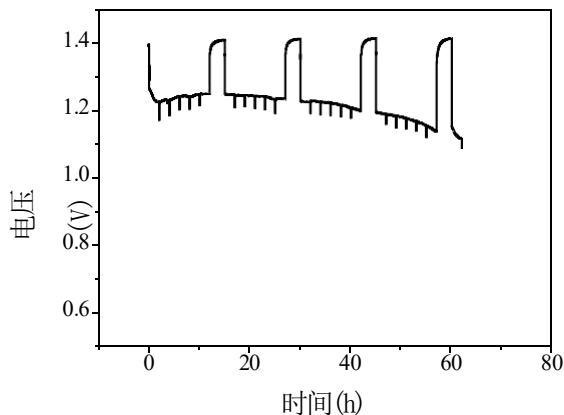


放电性能

IEC 60086-2:2015 标准



IEC 60086-2:2015 大倍率脉冲



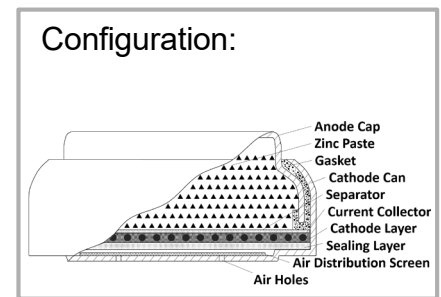
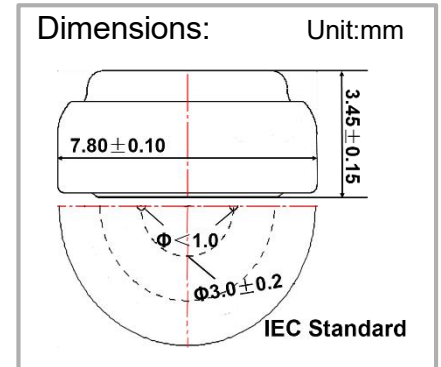
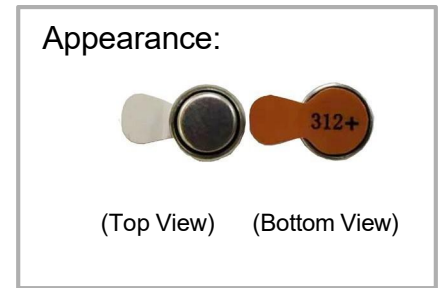
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江西省宜春市上高县工业园食品大道166号
电话: +86-795-2524666 | 传真: +86-795-2524666
<https://www.lybty.com/>; www.lydccn.com

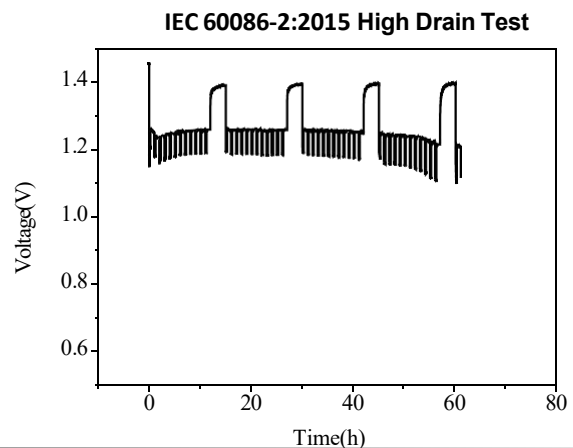
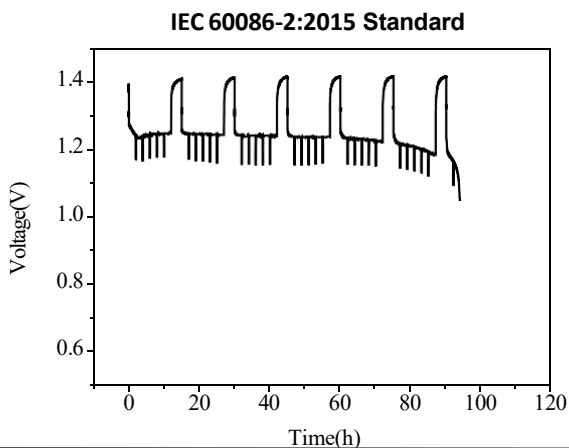
DATASHEET

A312/PR41 (Mercury free)

Greatpower StockNumber	312MF
Name	312 Mercury Free
Cell Chemistry	Zinc Air
Recommended Use	Hearing Aid Instruments
Nominal Volatge	1.45 V
Typical Weight	0.53g
Typical Volume	0.17cm ³
Environmental	These cells have no added mercury.
Operating Temp	0°C to 50°C
Standard Capacity(IEC 60086-2:2015):	160mAh (80h) - 2mA background, 10mA pulse, Six repeated cycles of the pulse load for 100ms, followed by background load for 119min,59s,900ms, then off for 3h. Cut-off 1.05V at 20°C and 60% RH.
High Drain Test (IEC60086-2:2015):	125mAh (45h) - 2mA background, 5mA pulse, Twelve repeated cycles of the pulse load for 15min, followed by the background load for 45min, then off for 3h. Cut-off 1.1V at 20°C and 60% RH.
Storage Loss at70°F (21°C)	Less than 5% in one year with tabapplied.
Shelf Life	3 years (Room Temperature Preservation)
Activation and use	Remove and discard the plastic tab covering air holes. Allow the battery to stand for one minute to insure proper activation. The battery compartment must allow for an adequate oxygen supply to reach air holes.



Typical IEC Discharge Performance



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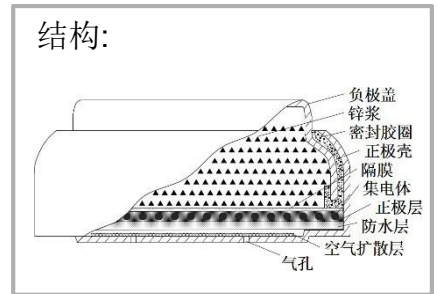
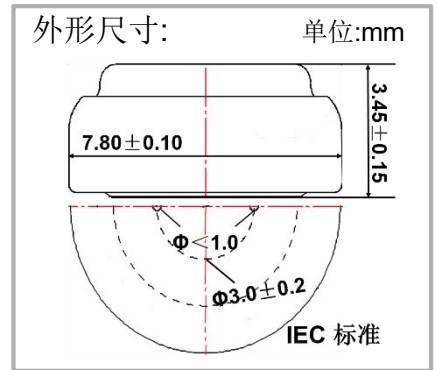
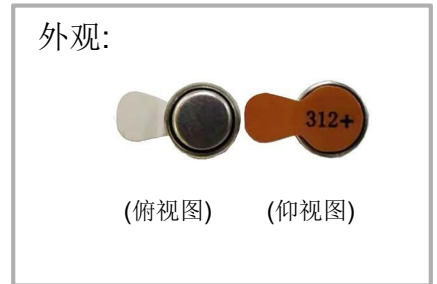
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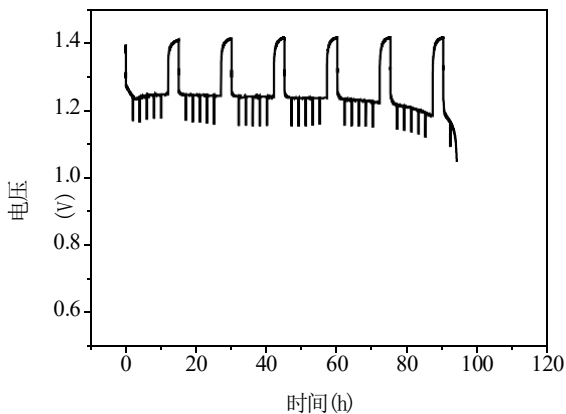
A312/PR41 (无汞)

物料编号	312MF
名称	312 无汞
电池类型	锌空
推荐使用	助听设备
标称电压	1.45 V
重量	0.53g
体积	0.17cm ³
环保	该电池不含汞
使用温度	0°C 到 50°C
标准放电时间: (IEC 60086-2:2015)	160mAh (80h) - 20°C和60%相对湿度下, 2mA背景电流, 10mA 脉冲, 脉冲放电100ms, 背景电流放电119min,59s,900ms, 循环6次后 搁置3小时, 再循环连续放电至1.05终止.
大倍率脉冲放电: (IEC 60086-2:2015)	125mAh (45h) - 20°C和60%相对湿度下, 2mA背景电流, 5mA 脉冲, 脉冲放电15min, 背 景电流放电45min, 循环12次后搁置3小时, 再循环连续放电至1.1终止.
70°F(21°C) 贮藏容量损失	带贴纸每年小于5%
保质期	3年 (常温保存)
激活与使用	撕开并丢弃覆盖气孔的塑料贴纸, 保持一分 钟以激活电池。电池舱必须有足够的氧气 供 应至空气孔。

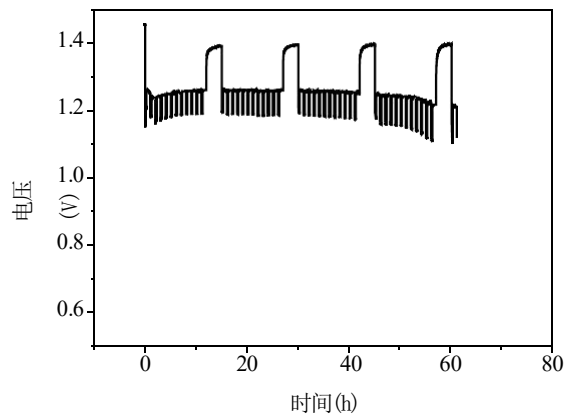


放电性能

IEC 60086-2:2015 标准



IEC 60086-2:2015 大倍率脉冲



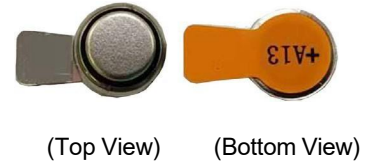
以上为典型的性能信息，实际使用中数据可能会发生变化。本规格书对实际使用情况不作保证。

DATASHEET

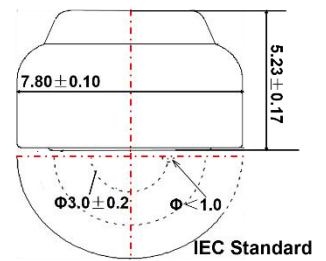
A13/PR48 (Mercury free)

Greatpower StockNumber	13MF
Name	13Mercury Free
Cell Chemistry	Zinc Air
Recommended Use	Hearing Aid Instruments
Nominal Volatge	1.45 V
Typical Weight	0.8g
Typical Volume	0.25cm ³
Environmental	These cells have no added mercury.
Operating Temp	0°C to 50°C
Standard Capacity(IEC 60086-2:2015):	265mAh (78h) - 3mA background, 12mA pulse, Six repeated cycles of the pulse load for 100ms, followed by background load for 119min,59s,900ms, then off for 3h. Cut-off 1.05V at 20°C and 60% RH.
High Drain Test (IEC60086-2:2015):	215mAh (58h) - 3mA background, 5mA pulse, Twelve repeated cycles of the pulse load for 15min, followed by the background load for 45min, then off for 3h. Cut-off 1.1V at 20°C and 60% RH.
Storage Loss at70°F (21°C)	Less than 5% in one year with tabapplied.
Shelf Life	3 years (Room Temperature Preservation)
Activation and use	Remove and discard the plastic tab covering air holes. Allow the battery to stand for one minute to insure proper activation. The battery compartment must allow for an adequate oxygen supply to reach air holes.

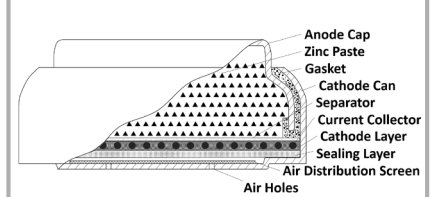
Appearance:



Dimensions: Unit:mm

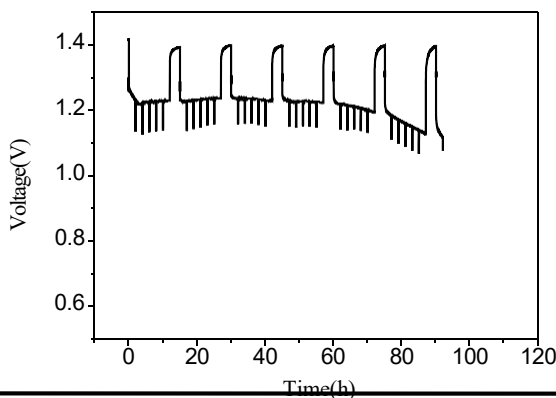


Configuration:

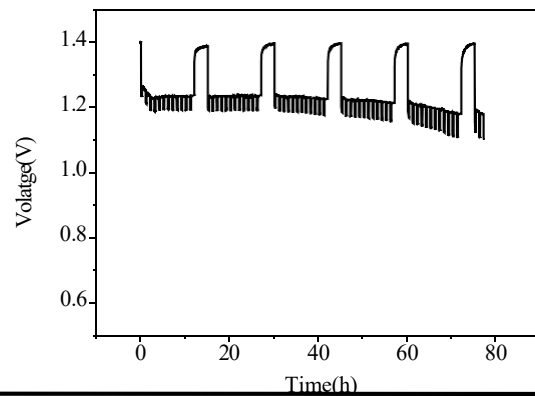


Typical IEC Discharge Performance

IEC 60086-2:2015 Standard



IEC 60086-2:2015 High Drain Test



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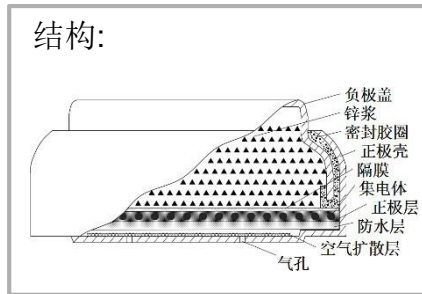
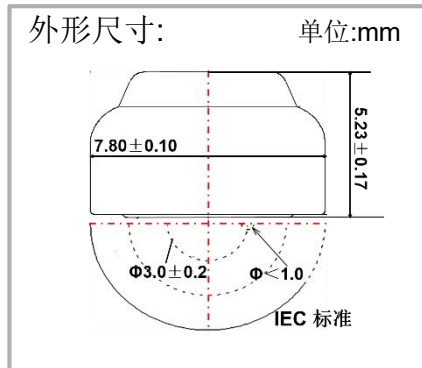
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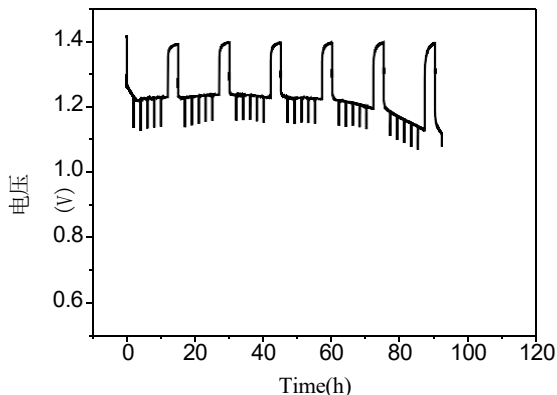
A13/PR48 (无汞)

物料编号	13MF
名称	13无汞
电池类型	锌空
推荐使用	助听设备
标称电压	1.45 V
重量	0.8g
体积	0.25cm ³
环保	该电池不含汞
使用温度	0°C 到 50°C
标准放电时间: (IEC 60086-2:2015)	265mAh (78h) - 20°C和60%相对湿度下, 3mA背景电流, 12mA 脉冲, 脉冲放电100ms, 背景电流放电119min,59s,900ms, 循环6次后 搁置3小时, 再循环连续放电至1.05终止.
大倍率脉冲放电: (IEC 60086-2:2015)	215mAh (58h) - 20°C和60%相对湿度下, 3mA背景电流, 5mA 脉冲, 脉冲放电15min, 背 景电流放电45min, 循环12次后搁置3小时, 再循环连续放电至1.1终止.
70°F(21°C) 贮藏容量损失	带贴纸每年小于5%
保质期	3年 (常温保存)
激活与使用	撕开并丢弃覆盖气孔的塑料贴纸, 保持一分 钟以激活电池。电池舱必须有足够的氧气 供 应至空气孔。

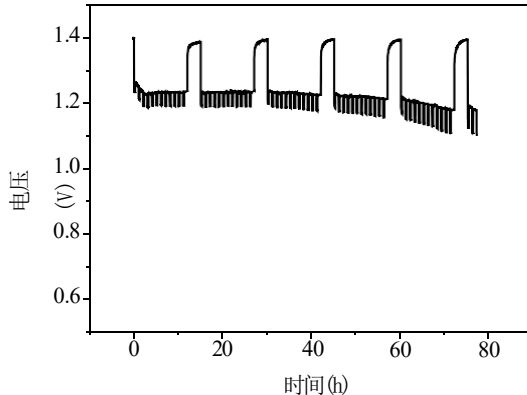


放电性能

IEC 60086-2:2015 标准



IEC 60086-2:2015 大倍率脉冲

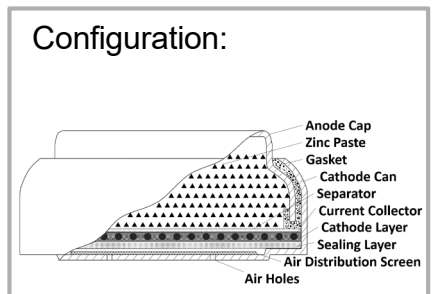
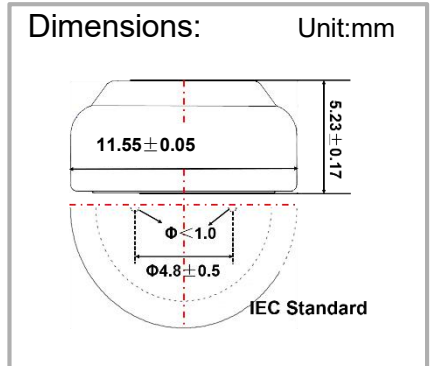
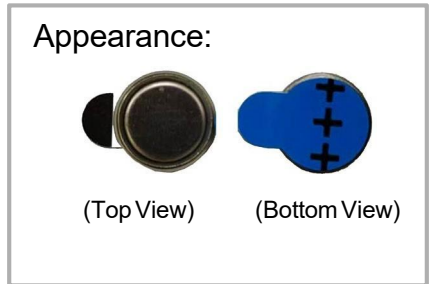


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DATASHEET

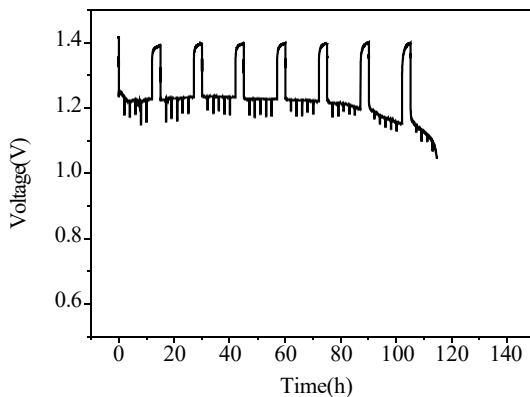
A675/PR44 (Mercury free)

Greatpower StockNumber	675 MF
Name	675Mercury Free
Cell Chemistry	Zinc Air
Recommended Use	Hearing Aid Instruments
Nominal Volatge	1.45 V
Typical Weight	1.6g
Typical Volume	0.56cm ³
Environmental	These cells have no added mercury.
Operating Temp	0°C to 50°C
Standard Capacity(IEC 60086-2:2015):	580mAh (112h) - 5mA background, 15mA pulse, Six repeated cycles of the pulse load for 100ms, followed by background load for 119min,59s,900ms, then off for 3h. Cut-off 1.05V at 20°C and 60% RH.
High Drain Test (IEC60086-2:2015):	480mAh (60h) - 8mA background, 24mA pulse, Six repeated cycles of the pulse load for 100ms, followed by background load for 119min,59s,900ms, then off for 3h. Cut-off 1.05V at 20°C and 60% RH.
Available Current	20 mA(at 1.1 volts)
Storage Loss at70°F (21°C)	Less than 5% in one year with tabapplied.
Shelf Life	3 years (Room Temperature Preservation)
Activation and use	Remove and discard the plastic tab covering air holes. Allow the battery to stand for one minute to insure proper activation. The battery compartment must allow for an adequate oxygen supply to reach air holes.

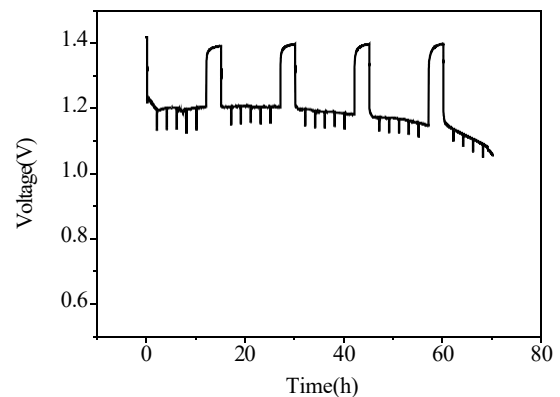


Typical IEC Discharge Performance

IEC 60086-2:2015 Standard



IEC 60086-2:2015 High Drain Test



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Liyuan Battery Technology Industrial Park, No. 166 Food Avenue, Shanggao County, Yichun City, Jiangxi Province

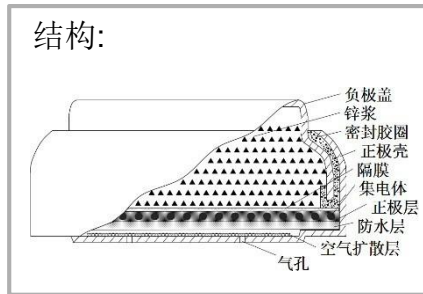
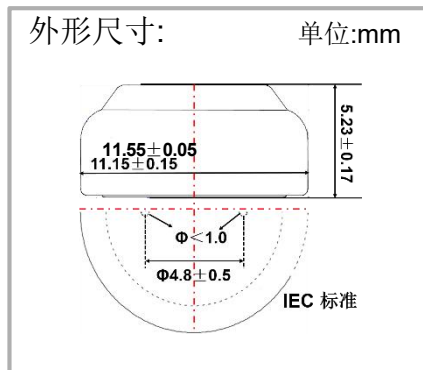
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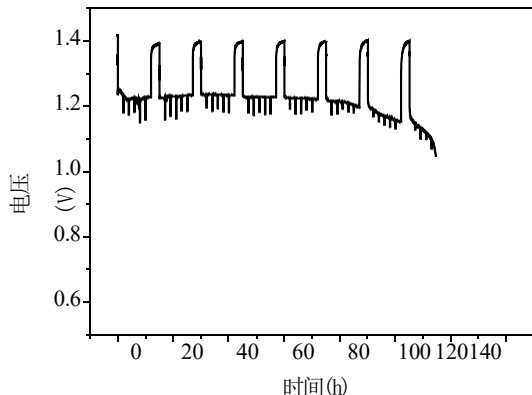
A675/PR44 (无汞)

物料编号	675 MF
名称	675无汞
电池类型	锌空
推荐使用	助听设备
标称电压	1.45 V
重量	1.6g
体积	0.56cm ³
环保	该电池不含汞
使用温度	0°C 到 50°C
标准放电时间: (IEC 60086-2:2015)	580mAh (112h) - 20°C和60%相对湿度下, 5mA背景电流, 15mA 脉冲, 脉冲放电100ms, 背景电流放电119min,59s,900ms, 循环6次后 搁置3小时, 再循环连续放电至1.05终止.
大倍率脉冲放电: (IEC 60086-2:2015)	480mAh (60h) - 20°C和60%相对湿度下, 8mA背景电流, 24mA 脉冲, 脉冲放电100ms, 背景电流放电119min,59s,900ms, 循环6次后 搁置3小时, 再循环连续放电至1.05终止.
可用电流	20 mA (1.1V)
70°F (21°C) 贮藏容量损失	带贴纸每年小于5%
保质期	3年 (常温保存)
激活与使用	撕开并丢弃覆盖气孔的塑料贴纸, 保持一分钟 以激活电池。电池舱必须有足够的氧气供 应至空气孔。

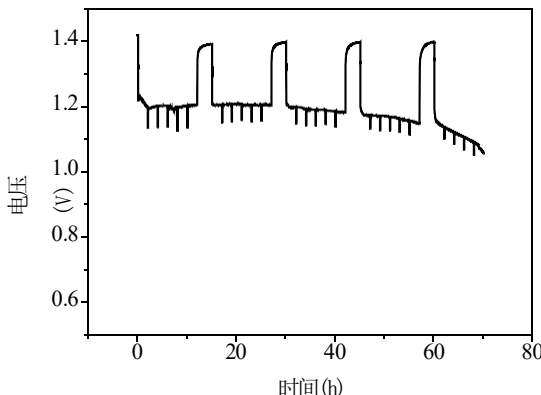


放电性能

IEC 60086-2:2015 标准



IEC 60086-2:2015 大倍率脉冲



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