

锌空电池

Zin-Air Battery

产品概述

PRODUCT INTRODUCTION

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锌空电池属于一次电池，正极为空气极，负极为锌浆，其优势为比容量和比能量高、放电电压平稳、生产成本低、使用安全、环保无污染。主要应用于**助听器**、**蓝牙耳机**（小功率）等。有潜力用于**电子台历**、**计算器**等氧化银电池可以用到的场合，电流较小但容量比氧化银电池要高。

锌空电池

Zin-Air Battery

产品展示

PRODUCT DISPLAY





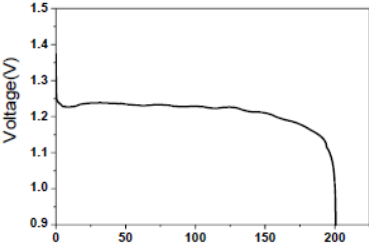
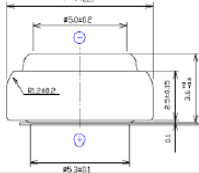
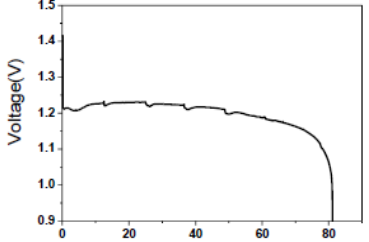
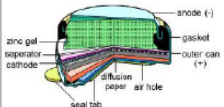
产品参数

PRODUCT PARAMETERS

	A10	A312	A13	A675(P)
相同型号(IEC)	PR536	PR41	PR48	PR44(P)
直径mm	5.8	7.9	7.9	11.6
高度mm	3.6	3.6	5.4	5.4
重量g	0.3	0.5	0.8	1.6
电压V	1.45	1.45	1.45	1.45
电阻 Ω	≤ 12	≤ 6.0	≤ 9.0	≤ 2.7
容量mAh	80	158	235	560
使用天数	2-5	7-15	10-20	15-30
适用机型	深耳道式	耳内式、耳道式	耳背式、耳内式	大功率耳背式
贴纸颜色	黄色	棕色	橙色	蓝色

规格书 (S p e c .)



DATASHEET		A312 (Mercury free)	 Great Power	Typical IEC Discharge Performance
Greatpower Stock Number	312MF	Appearance:  (Top View) (Bottom View)	IEC 60086-2:2000 Standard 	
Name	312 Mercury Free			
Cell Chemistry	Zinc Air	Dimensions: Unit:mm 	IEC 60086-2:2011 Standard 	
Recommended Use	Hearing Aid Instruments			
Nominal Volatge	1.45 V			
Impedance	≤6Ω			
Typical Weight	0.53g			
Typical Volume	0.17cm³			
Environmental	These cells have no added mercury.			
Operating Temp	0°C to 50°C			
Capacity(IEC 60086-2:2000):	160mAh - Rated at 1500Ω to 0.90V at 20°C and 60% RH.			
Capacity(IEC 60086-2:2011):	158mAh - Rated at 2mA background ,10mA 100ms pulse, once every 2 hours, 12 hours/day to 1.05V at 20°C and 60% RH.			
Storage Loss at 70°F(21°C)	Less than 5% in one year with tab applied.			
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.			
	Configuration: 			

DATASHEET A10 (Mercury free)		Great Power	DATASHEET A13 (Mercury free)	Great Power
Greatpower Stock Number	10MF	Appearance: (Top View) (Bottom View)	Greatpower Stock Number	13MF
Name	10 Mercury Free		Name	13Mercury Free
Cell Chemistry	Zinc Air	Dimensions: Unit:mm 	Cell Chemistry	Zinc Air
Recommended Use	Hearing Aid Instruments		Recommended Use	Hearing Aid Instruments
Nominal Volatge	1.45 V	Configuration: 	Nominal Volatge	1.45 V
Impedance	≤12Ω		Impedance	≤9Ω
Typical Weight	0.3g	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 Weight	0.8g
Typical Volume	0.08cm³		Typical Volume	0.25cm³
Environmental	These cells have no added mercury.	Activation and use	Environmental	These cells have no added mercury.
Operating Temp	0°C to 50°C		Operating Temp	0°C to 50°C
Capacity(IEC 60086-2:2000):	84mAh - Rated at 3000Ω to 0.90V at 20°C and 60% RH.		Capacity(IEC 60086-2:2000):	255mAh - Rated at 1500Ω to 0.90V at 20°C and 60% RH.
Capacity(IEC 60086-2:2011):	80mAh - Rated at 1mA background, 5mA 100ms pulse, once every 2 hours, 12 hours/day to 1.05V at 20°C and 60% RH.		Capacity(IEC 60086-2:2011):	235mAh - Rated at 3mA background, 12mA 100ms pulse, once every 2 hours, 12 hours/day to 1.05V at 20°C and 60% RH.
Storage Loss at 70°F(21°C)	Less than 5% in one year with tab applied.		Storage Loss at 70°F(21°C)	Less than 5% in one year with tab applied.



锌空电池

产品应用：

主要应用于助听器，其它用途
包括蓝牙耳机、导航灯、
铁路信号装置等。



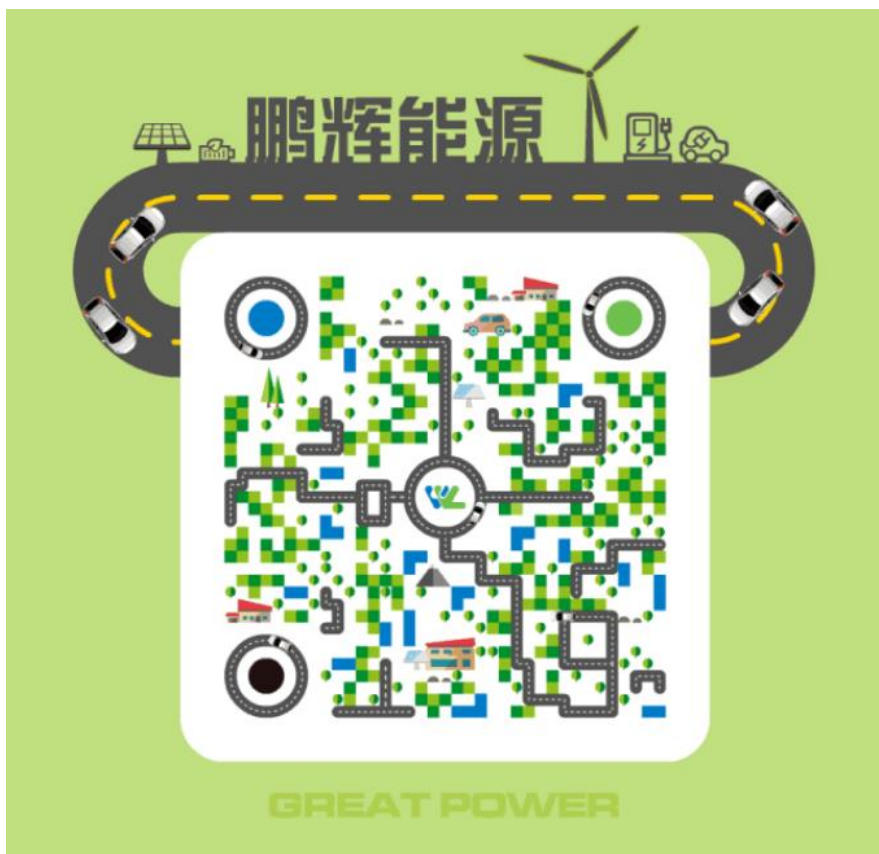
更多型号请登录公司网站查询

www.greatpower.net

应用场景



完整的电池解决方案供应商



◇ 联系我们

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