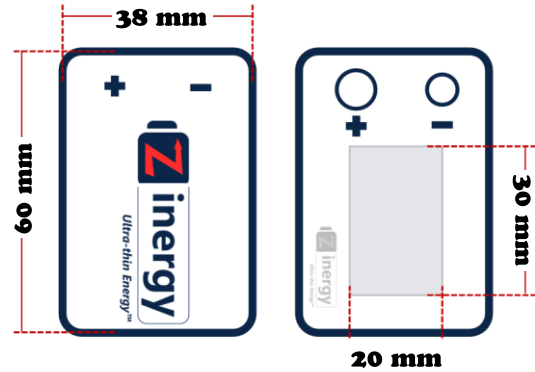


Zinergy's MK1Series is the first of a new generation of ultra-thin flexible battery products. Made by printing thin layers of functional materials onto a custom designed flexible packaging. These zincs based primary cells are suitable for cost effective low power electronic applications where safety and environmental credentials are fundamental.

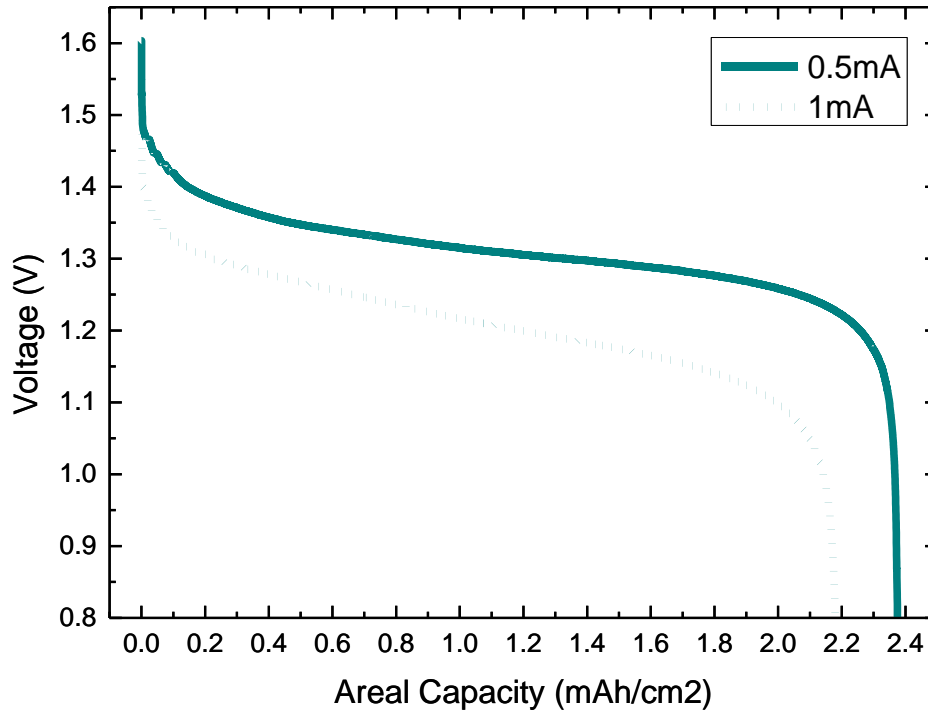


Specifications


Battery Type	Zinc Flexible
Chemical System	Zinc – Manganese Dioxide (Zn/MnO ₂)
Continuous Drain Current	0.5 mA
Max. Continuous Drain Current	2 mA
Maximum Peak Current *	10 mA
Operating Temperature	-10°C to 50°C
Exterior Casing	Polymer Laminate
Environmentally Friendly	RoHS compliant
Nominal Voltage	1.5 V
Capacity @ 0.5 mA CC	70 Ω
Height (mm)	58
Length (mm)	38
Thickness (mm)	0.5
Maximum weight	1.2 g


* Pulsing conditions: 100 ms pulse, 2s rest, 1V cut-off


Electrical characteristics





Ultra-thin Flexible Printed Battery MK1 Series


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Bending:
>3000 cycles at a bend radius of 15 mm.
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Storage:
For optimal battery performance, please store the batteries between 5°C to 35°C in until use.
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Warning:
Zinergy MK1 series batteries are non-rechargeable, any attempt to recharge may damage the battery.
- 

Disposal and recycling:
Environmentally friendly battery materials and disposal (RoHS compliant without heavy metal components eg. Hg,Pb,Cd). In accordance with all applicable national, state and local regulations.
- 

Transportation:
Non-dangerous goods, packaging and transporting according to local transportation regulations.
- 

Warranty:
All specifications and technical data are based on use in electronic applications under normal operating conditions. Suitability tests should be done for the customers specific conditions and applications. For latest specs and any specific requirements, please get in touch.

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Powering the Flexible World

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