

Specification Approval Sheet

Name: Zinc Manganese Dioxide Battery

Model: AKYGA ZM073654

SPEC: 3.0V / 25mAh

Specification Modification Records

Modification Time	Descriptions	Issued Date	Approved By
	Release 1	2022-11-10	

Content

Any copies are invalid without our company's approval



Specification Approval sheet

Specification

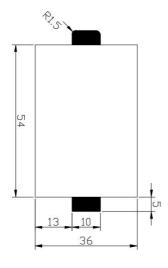
Model: ZM073654
Detail Specifications:

Performance				
Nominal Voltage	3.0V	Nominal Capacity	25mAh	
Nominal Pulse Peak Current	≥10mA(5mS)	Nominal Internal Resistance	70Ω	
Size				
Maximum Thickness	0.7mm	Outer Dimensions	36×54mm	
Weight	About 1.9g	Minimum Bending Radius	35mm	
Others				
Chemical System	Zinc- Manganese Oxide	Operating Temperature	-35℃ ~50℃	
Operating Humidity	20~ 90 %RH	Shelf Lifetime	2 years	
Storage Temperature 0°C~10°C	Packed in aluminum plastic film, the capacity will reduce around 1mAh to 2mAh after one year storage. $(0^{\circ}\text{C} \sim 10^{\circ}\text{C})$			
Storage Temperature 23℃ Room temperature	Packed in aluminum plastic film, the capacity will reduce around 15% to 20% after one year storage.(Room temperature)			

¹All data above were measured under room temperature. The discharge current was 1mA. The cut-offvoltage was 1.8V. The variations of temperature and humidity during battery working may affect the performance.

within 2 weeks after production.

Product Size (±0.5mm)

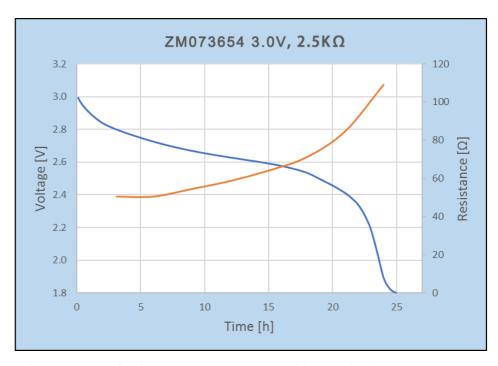


/ Unit: mm



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characteristic



Discharge curve of Soft Battery ZM073654 3.0V with 2.5k load at room temperature.

Precautions

1.

Transport: Transport process should avoid severe vibration, squeeze, high temperature and humidity conditions occur;

2.

Battery recommended storage conditions: In order to obtain the best paper battery life, it is recommended refrigerator refrigerated (0-10 degrees);

3.

Battery application product storage conditions: Sealed and stored at room temperature, recommended humidity of 40% to 60%;

4.

The battery can be bent, the general bending radius of 35mm, the battery cannot be 180 degrees fold;

5.

The disassembly of paper battery is not allowed, if the battery has been damaged, if the internal liquid contact with other items, cleaning with water immediately. If the material inside contact with skin or eyes, please wash and seek medical treatment immediately;



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6.	
	The battery is not allowed to be short circuit by any circumstance;
7.	
	The battery is not rechargeable;
8.	
	After the battery is exhausted, please follow the local waste classification approach (abandoned in the non-recyclable);
9.	
	To prevent ate, please put the battery on the place where children cannot get;
10	
	If there are signs of damage, please treat it as garbage disposal;
11	

The battery datasheet will be updated with the improvements of battery performance. Akyga Battery reserves the right of final explanation.