



## Product Specification

### Product Specification Acknowledgment

Customer Code : \_\_\_\_\_  
Customer Product Model: \_\_\_\_\_  
Coincell Battery cell Model .: **SR736H**  
Coincell Battery Product Model. : \_\_\_\_\_  
Battery Capacity : **1.55V 45mAh**  
Document Number : \_\_\_\_\_

Prepared by Producer	Checked by reviewer	Approved by approver
Kelly Shu	<b>Mr Andy Hui</b>	

Customer Approval	Customer Signature / Date	Customer Company Stamp

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Shenzhen City, Guangdong Province, China



**1. Cross Reference :**

IEC	JAPAN	Ray-O-Vac	U.S.A SWITZERLAND	GERMANY	H.K PRODUCTS
SR41	SR41W	RW47	392	V392	SG3

**2. Chemical System:**

Zinc-Silver Oxide .Manganese Dioxide (Potassium Hydroxide Electrolyte)  
" The Mercury test result<5ppm(0.0005%)"  
"The Cadmium test result<5ppm(0.0005%)"  
"The Lead test result<1000ppm(0.1%)"

**3. Nominal Voltage :**

1.55V

**4. Standard Capacity :**

45mAh(continuously discharge at 20+2°C under 22k $\Omega$  load to 0.9Vend-point voltage )

**5. Approximate Weight :**

0.65g

**6. Dimensions & Structure :**

Dimensions & structure of the cell are shown in the attached Fig. 1.

**7. Terminal Materials :**

Negative :Ni/ST/Cu clad 、 Ni plated/Fe/Cu plated or gold plated steel  
Positive : Ni plated steel



**8. Characteristics :**

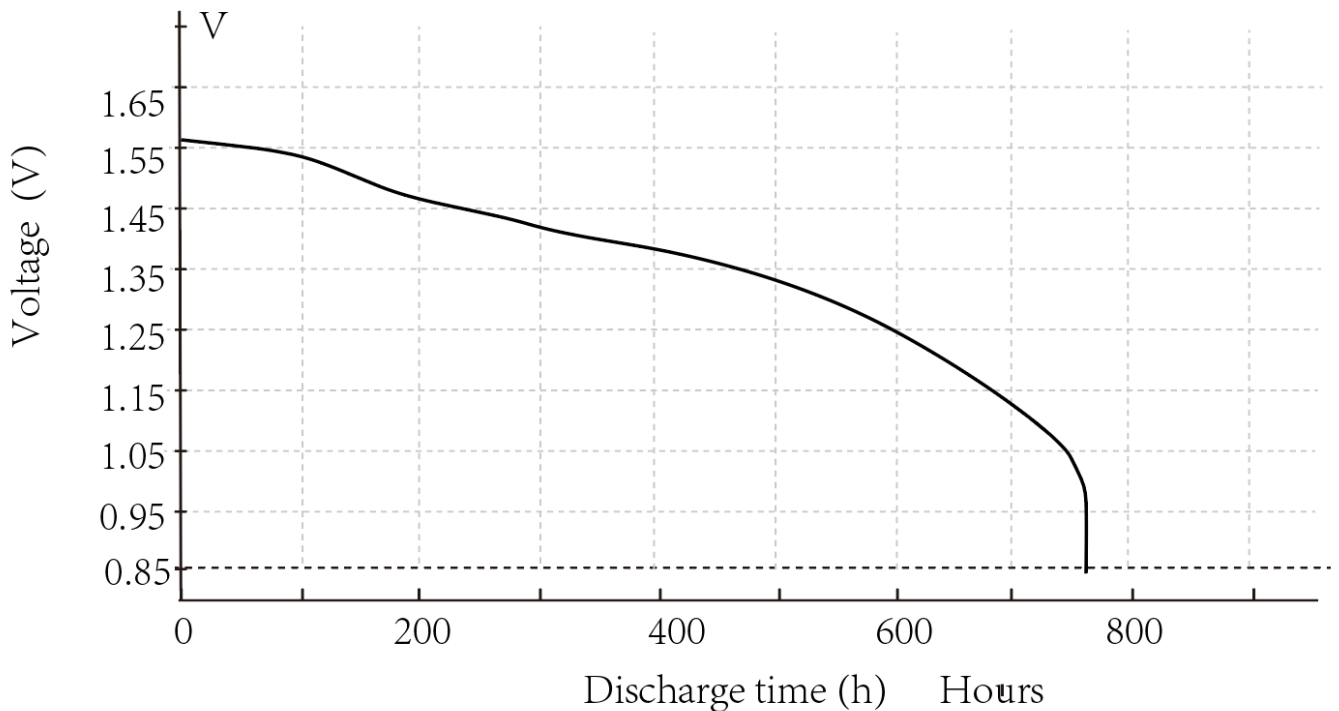
Characteristics of the cell are shown in the following table

Items	Storage	Characteristics	Conditions
<b>8.1 Electric Characteristics</b>			
Open-Circuit Voltage	Initial	$\geq 1.550V$	DC Voltmeter : The tolerance is $\pm 0.005V$ and the input resistance is $1M\Omega$ or more.
	After 12 months	$\geq 1.540V$	
Closed-Circuit Voltage	Initial	$\geq 1.540V$	DC Voltmeter : Same as above. Load Resistance: $22k\Omega$ , 0.8Sec.
	After 12 months	$\geq 1.530V$	
<b>8.2 Service Output</b>			
Service Life $22K\Omega$	Initial	700hrs or longer	Discharge Resistance : $22k\Omega$ End-Point Voltage : 0.9V
Continuous Discharge	After 12 months	640hrs or longer	
<b>8.3 Observation after discharged to End-Point Voltage</b>			
Observation after discharged to End-Point Voltage: 0.9V	There are no bulging or deformation of cells in excess of maximum dimensions shown in attached Fig. 1 by 0.2mm or more. There are no visible electrolyte leakage.		Temperature : $20 \pm 2^{\circ}C$ Humidity : $(65 \pm 20)\%RH$ Observation Time : 48hrs (Observe after having reached specified end-point voltage)

## 9. Discharge Curve :

Load : 22K $\Omega$

End voltage: 0.9V



## 10. Markings on Product:

Battery Type: SR736H  
Polarity : "+" at the bottom ("-" not indicated)  
Other specified markings

## 11. Caution for Use

- 1) Since the button cell is not manufactured for recharging, there are risks of electrolyte leakage or causing damage to the device if the cell is charged.
- 2) The button cell shall be installed with its "+" and "-" sign according to the instruction shown on the applied device.
- 3) Short-circuiting, heating, disposing of in fire, or disassembling the button cell shall be prohibited.

## 12. Warranty:

12 months shelf life after delivery.

- 1) Storage Conditions: Temperature  $20 \pm 2^{\circ}$  C, Relative humidity:  $65 \pm 20\%$  RH .
- 2) 90% of the capacity will be maintained after 1 year storage.

SR736H DIMENSIONS & STRUCTURE

