



Product Specification

Product Specification Acknowledgment

Customer Code : _____
Customer Product Model: _____
Coincell Battery cell Model .: **SR921H**
Coincell Battery Product Model. : _____
Battery Capacity : **1.55V 29mAh**
Document Number : _____

Prepared by Producer	Checked by reviewer	Approved by approver
Kelly Shu	Mr Andy Hui	

Customer Approval	Customer Signature / Date	Customer Company Stamp

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1. Cross Reference :

IEC	JAPAN	Ray-O-Vac	U.S.A SWITZERLAND	GERMANY	H.K PRODUCTS
-----	SR920W	RW415	370	V371	SG6

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 :

29mAh(continuously discharge at 20+2°C under 22k Ω load to 0.9Vend-point voltage)

5. Approximate Weight :

0.6g

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

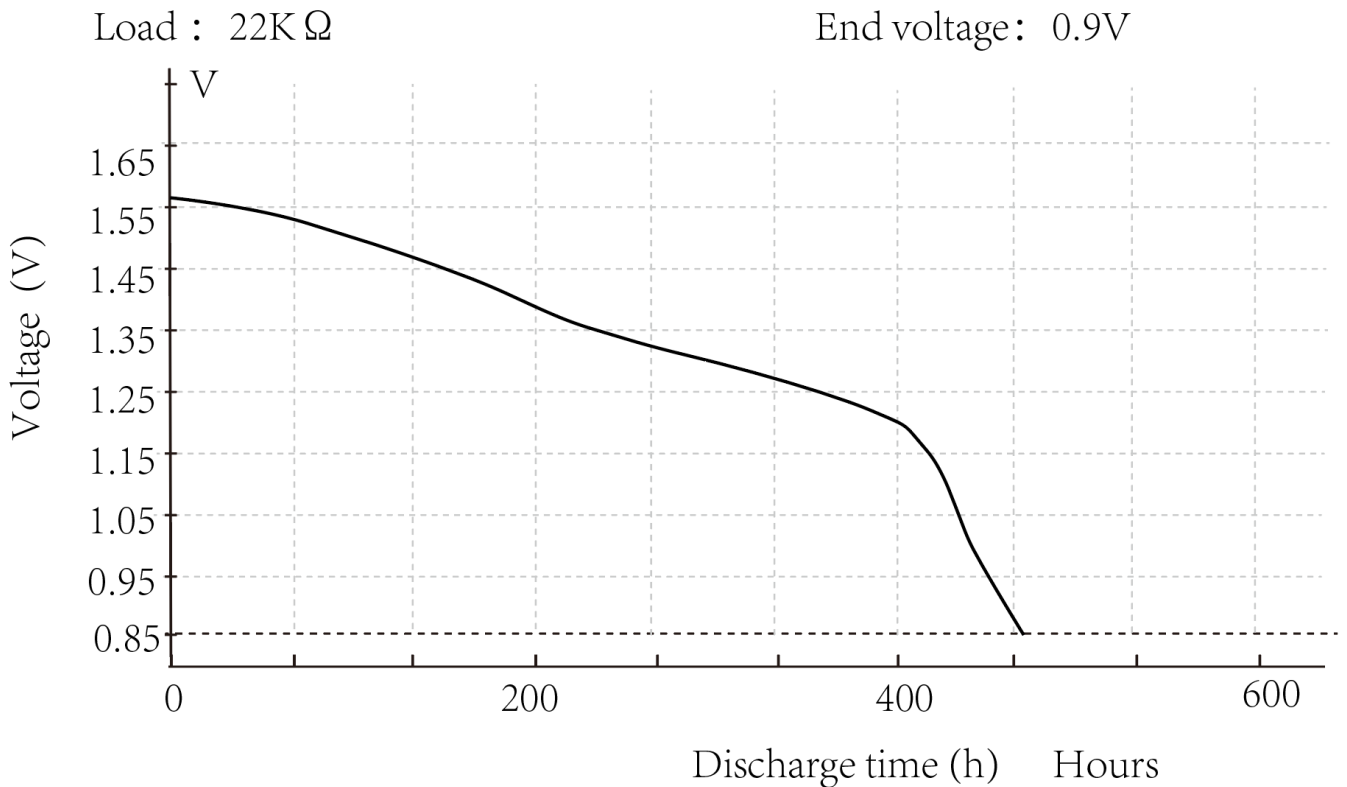
Positive : Ni plated steel

8. Characteristics :

Characteristics of the cell are shown in the following table

Items	Storage	Characteristics	Conditions
8.1 Electric Characteristics			
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	$\geq 1.530V$	
8.2 Service Output			
Service Life 22K Ω	Initial	450hrs or longer	Discharge Resistance : $22k\Omega$ End-Point Voltage : 0.9V
Continuous Discharge	After 12 months	375hrs or longer	
8.3 Observation after discharged to End-Point Voltage			
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 :



10. Markings on Product:

Battery Type: SR921H
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 $20 \pm 2^\circ \text{C}$, Relative humidity: $65 \pm 20\% \text{RH}$.
- 2) 90% of the capacity will be maintained after 1 year storage.

SR921H DIMENSIONS & STRUCTURE

