

**TCB****GRANT OF EQUIPMENT  
AUTHORIZATION****TCB****Certification****Issued Under the Authority of the  
Federal Communications Commission****By:**

**Eurofins Product Service GmbH  
Storkower Strasse 38c  
D-15526 Reichenwalde,  
Germany**

**Date of Grant: 01/18/2024****Application Dated: 01/18/2024**

**SHENZHEN JIDING ELECTRONIC CO.,LTD  
5th Floor,West District,Block D,Huachuangda  
Science and Technology Park,HangchengAvenue,Sanwei  
Community,Xixiang Street,Baoan District,Shenzhen, 518101  
China**

**Attention: ZHIWEN PAN , Manager**

**NOT TRANSFERABLE**

**EQUIPMENT AUTHORIZATION is hereby issued to the named GRANTEE, and is  
VALID ONLY for the equipment identified hereon for use under the Commission's  
Rules and Regulations listed below.**

**FCC IDENTIFIER: 2AYLS-S8**

**Name of Grantee: SHENZHEN JIDING ELECTRONIC  
CO.,LTD**

**Equipment Class: Digital Transmission System**

**Notes: Intelligent visual ear scoop**

**Grant Notes**

**FCC Rule Parts**

**15C**

**Frequency  
Range (MHZ)**

**2412.0 - 2462.0**

**Output  
Watts**

**0.0024**

**Frequency  
Tolerance**

**Emission  
Designator**

Output Power listed is peak conducted. This device supports 802.11b, 802.11g and 802.11n with a 20 MHz and 40 MHz bandwidth mode.



# Certificate of Conformity



## CERTIFICATE OF CONFORMITY

Certificate No.: ZTS25031007JCD

Applicant.....: **SHENZHEN JIDING ELECTRONIC CO.,LTD**  
502, Block D, Huachuangda Technology Park, No.176, Hangcheng Avenue,  
Sanwei Community, Hangcheng Street, Baoan District, Shenzhen,  
Guangdong, China

Manufacturer.....: **SHENZHEN JIDING ELECTRONIC CO.,LTD**  
502, Block D, Huachuangda Technology Park, No.176, Hangcheng Avenue,  
Sanwei Community, Hangcheng Street, Baoan District, Shenzhen,  
Guangdong, China

Product.....: **Intelligent visual ear scoop**

Trade Name.....: **N/A**

Model(s) .....: **S8, CC6, C7, C8, C9, C10, C11, C12, C6, CC7, CC8, CC9, CC10, CC11, CC12, Y8, Y9, Y10, Y11, Y12, Y13, YY8, YY9, YY10, YY11, YY12, YY13, S2, S3, S5, S6, S7, S9, P1, P2, P3, P5, P6, P7, P8, A03, A05, A06, A07, A08, A09, B03, B05, B06, B07, B08, B09, H03, H05, H06, H07, H08, H09, H1**

Test Voltage .....: **DC5V 200mA**  
Lithium battery:DC3.7V

Requirement		Applied Standards	Document Evidence	Result
Art.3.1(a)	Health	<b>EN 50663:2017</b>	<b>ZTS25031008TRH</b>	<b>Conform</b>
Art.3.1(a)	Safety	<b>EN 60335-1:2012+A11:2014+A13:2017+A1:2019+A14:2019+A2:2019+A15:2021+A16:2023 EN 60335-2-23: 2003+A2: 2015</b>	<b>ZTS25031006GRS</b>	
Art.3.1(b)	EMC	<b>ETSI EN 301 489-1 V2.2.3 ETSI EN 301 489-17 V3.2.4</b>	<b>ZTS25031009DRE</b>	
Art.3.2	Radio	<b>ETSI EN 300 328 V2.2.2</b>	<b>ZTS25031007JRD</b>	

The certificate is issued in accordance with annex III of the RED Directive 2014/53/EU of 13<sup>th</sup> March, 2014

This certificate of conformity is based on a single evaluation of the submitted sample(s) of the above mentioned product. It does not imply an assessment of the whole production and other relevant directives have to be observed.



  
Bert Yang /Senior Manager  
Mar. 17, 2025



**Shenzhen ZTS Testing Service Co., Ltd.**

808, Building 1, 7th Industrial Zone, Yutong Street, Guangming District, Shenzhen, Guangdong, China

Web: [www.zts-test.com](http://www.zts-test.com)

Tel: 400-8788-298

Tel: 0755-23245357

Email: [zts@zts-test.com](mailto:zts@zts-test.com)



## CERTIFICATE OF CONFORMITY

Certificate No.:ZTS25030302WCH

Applicant.....: **SHENZHEN JIDING ELECTRONIC CO.,LTD**  
502, Block D, Huachuangda Technology Park, No.176, Hangcheng Avenue,  
Sanwei Community, Hangcheng Street, Baoan District, Shenzhen,  
Guangdong, China

Manufacturer.....: **SHENZHEN JIDING ELECTRONIC CO.,LTD**  
502, Block D, Huachuangda Technology Park, No.176, Hangcheng Avenue,  
Sanwei Community, Hangcheng Street, Baoan District, Shenzhen,  
Guangdong, China

Product.....: **Intelligent visual ear scoop**

Trade Name.....: **N/A**

Model(s) .....: **S8, CC6, C7, C8, C9, C10, C11, C12, C6, CC7, CC8, CC9, CC10, CC11,  
CC12, Y8, Y9, Y10, Y11, Y12, Y13, YY8, YY9, YY10, YY11, YY12, YY13,  
S2, S3, S5, S6, S7, S9, P1, P2, P3, P5, P6, P7, P8, A03, A05, A06, A07,  
A08, A09, B03, B05, B06, B07, B08, B09, H03, H05, H06, H07, H08, H09,  
H1**

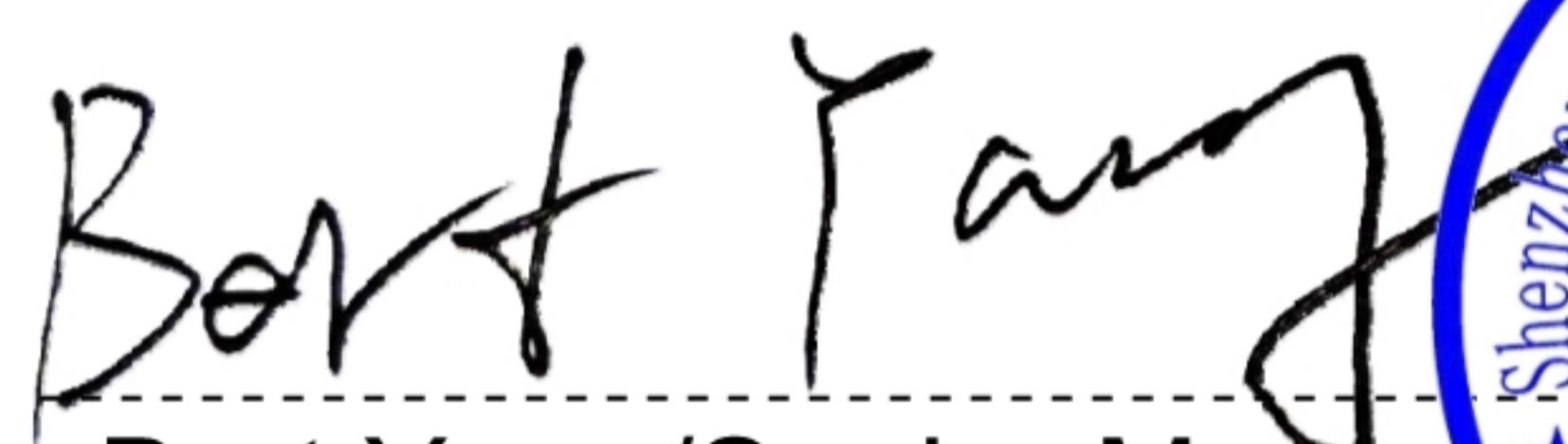
This is to certify that, on the basis of the tests undertaken as per Report No.: ZTS25030302WRH

**IEC 62321-3-1:2013, IEC 62321-5:2013, IEC 62321-4:2013+A1:2017  
IEC 62321-7-1:2015, IEC 62321-7-2:2017, IEC 62321-6:2015,  
IEC 62321-8:2017**

And full test requirement of the RoHS Directive (EU) 2015/863 amending Annex II to Directive(EU) 2011/65/EU

This certificate of conformity is based on a single evaluation of the submitted sample(s) of the above mentioned product. It does not imply an assessment of the whole production and other relevant directives have to be observed.



  
Bert Yang/Senior Manager  
Mar. 08, 2025



**Shenzhen ZTS Testing Service Co., Ltd.**

808, Building 1, 7th Industrial Zone, Yulv Community, Yutang Street, Guangming District, Shenzhen, Guangdong, China  
Web: [www.zts-test.com](http://www.zts-test.com) Tel: 400-8788-298 Tel: 0755-23245357 Email: [zts@zts-test.com](mailto:zts@zts-test.com)

# CHILDREN'S PRODUCT CERTIFICATE

## 1. Identification of the product covered by this certificate:

Certificate No.: ZTS25052602ICC  
Sample Name: Visual ear scoop  
S9, Y12, C6, C7, C8, C9, C10, C11, C12, CC6, CC7, CC8, CC9, CC10, CC11, CC12, Y8, Y9, Y10, Y11, Y12, Y13, YY8, YY9, YY10, YY11, YY12, YY13, S2, S3, S5, S6, S7, S8, S9, P1, P2, P3, P5, P6, P7, P8  
Model No:  
Trade Mark: N/A  
Sample Description: Remove earwax  
ASIN: N/A  
As shown in the Test Report No.: ZTS25052602IRC

## 2. Age grading: 3+ years old

## 3. Citation to each CPSC children's product safety rule to which this product is being certified:

### Applicable Standard(s)

As specified in title 16, code of federal regulations, chapter II- consumer products safety commission of U.S.A

16 CFR 1500.50.51.52.53 Simulating use and abuse of toys

16 CFR 1501 Small Objects

16 CFR 1500.48 Sharp point

16 CFR 1500.49 Sharp edge

- USA 16 CFR Part 1303 Ban of Lead Containing Paint and Certain Consumer Products Bearing Lead- Containing Paint

- USA Consumer Product Safety Improvement Act (CPSIA) Sec.101 Children's products containing Lead; Lead paint rule

- USA Consumer Product Safety Improvement Act (CPSIA) Sec.108 Prohibition on sale of certain products containing specified phthalates

- USA 16 CFR Part 1307 Prohibition of Children's Toys and Child Care Articles Containing Specified Phthalates

## 4. Identification of the U.S. importer or domestic manufacturer certifying compliance of the product :

Importer: ROOT GLOBAL INC  
Address : 5900 E 58th Ave, Commerce City, CO 80022, United States  
Phone: N/A  
Email: N/A  
Contact: N/A

## 5. Contact information for the individual maintaining records of test results:

Applicant : SHENZHEN JIDING ELECTRONIC CO.,LTD  
Address: 502, Block D, Huachuangda Technology Park, No.176, Hangcheng Avenue, Sanwei Community, Hangcheng Street, Baoan District,

# CHILDREN'S PRODUCT CERTIFICATE

Shenzhen, Guangdong, China

Contact: Miss Pan  
Address: 502, Block D, Huachuangda Technology Park, No.176, Hangcheng Avenue, Sanwei Community, Hangcheng Street, Baoan District, Shenzhen, Guangdong, China  
Phone: 17727422866  
Email: sarah@sz-jiding.com

## 6. Date and place where this product was manufactured:

Certificate No.: ZTS25052602ICC  
Applicant: SHENZHEN JIDING ELECTRONIC CO.,LTD  
Address: 502, Block D, Huachuangda Technology Park, No.176, Hangcheng Avenue, Sanwei Community, Hangcheng Street, Baoan District, Shenzhen, Guangdong, China  
Manufacturer: SHENZHEN JIDING ELECTRONIC CO.,LTD  
Address: 502, Block D, Huachuangda Technology Park, No.176, Hangcheng Avenue, Sanwei Community, Hangcheng Street, Baoan District, Shenzhen, Guangdong, China  
Phone: 17727422866  
Manufacture Date: May 23rd  
Manufacture Place: 502, Block D, Huachuangda Technology Park, No.176, Hangcheng Avenue, Sanwei Community, Hangcheng Street, Baoan District, Shenzhen, Guangdong, China  
Manufacturer Part Number: 0001

## 7. Provide the date(s) and place when the product was tested for compliance with the consumer Product safety rule(s) cited above:

Testing Date May 22, 2025 ~ May 28, 2025  
Address Shenzhen city, Guangdong Province, China

## 8. Identify any third party, CPSC-accepted laboratory on whose testing the certificate depends:

Third Party laboratory Shenzhen ZTS Testing Service Co., Ltd.  
Address 808, Building 1, 7th Industrial Zone, Yulv Community, Yutang Street, Guangming District, Shenzhen, Guangdong, China  
Phone + (86)755 2324 5950  
Email zts@zts-test.com.com  
Online <http://www.zts-test.com>  
CPSC lab ID 1813

**Manufacturer's seal:**

May 28, 2025

**FDA****DRLM SERVICE REGISTRATION**

Fiscal Year 2025

**SHENZHEN JIDING ELECTRONIC CO.,LTD.****502, 5/F, Building D, Huachuangda Technology Park, No. 176,  
Hangcheng Avenue, Sanwei Community, Hangcheng Street, Baoan  
District Shenzhen, GUANGDONG, 518102, CHINA****Owner/Operator Number: 10082292****Registration Number: 3020284548****Device Listing#:**

<b>Listing No</b>	<b>Code</b>	<b>Device Name</b>	<b>Proprietary Name</b>
D447630	EAX	MIRROR, MOUTH	Dental mirror, Visual medical grade endoscope, Video laryngoscope, Visual magnifier
D447631	KMA	IRRIGATOR, POWERED NASAL	Smart visual privacy flusher, CY03, CY05, CY06, CY07, CY08, CY09, Smart visual nasal washingdevice
D447632	KXQ	Vibrator for therapeutic use, genital	Visual vibrator
D447633	MNE	Orthosis, moldable, supportive, skin protective	Intelligent visual skin detector,CW06,CW07,CW08, CW09,CW10,CW11,CW12,CW13,Intelligent visual black head suction device,Visual hair follicle instrument
D447628	JYT	PICK, MICROSURGICAL EAR	Ear pick, Intelligent visual ear picker,C6,C7,C8,C9, C10,C11,C12,CC6,CC7,CC8,CC9,CC10,CC11,CC12, Y8,Y9,Y10,Y11,Y12,Y13,YY8,YY9,YY10,YY11,YY12, YY13,S2,S3,S5,S6,S7,S8,S9,P1,P2,P3,P5,P6,P7,P8, A03,A05,A06,A07,A08,A09.B03,B05,B06,B07,B08,B09.H03,H05,H06,H07,H08,H09
D447629	JEQ	TOOTHBRUSH, POWERED	Intelligent visual tooth cleaner, tooth cleaner, Intelligent visual flosser

This certificate affirms that the above stated facility is registered with the U.S. Food and Drug Administration pursuant to section 305 of the U.S. Public Health Security and Bioterrorism Preparedness and Response Act of 2002, P.L. 107-188, such registration having been verified as effective by OUA as of the date hereof, and OUA will confirm that such registration remains effective upon request and presentation of this certificate until the expiration of one year from the date hereof, unless terminated after issuance of this certificate. OUA makes no other presentations or warranties, nor does this certificate make any representations or warranties to any person or entity other than the named certificate holder, for whose sole benefit it is issued. OUA assume no liability to any person or entity in connection with the foregoing. The U.S. Food and Drug Administration does not issue a certificate of registration, nor does the U.S. Food and Drug Administration recognize a certificate of registration. OUA is not affiliated with the U.S. Food and Drug Administration.

查询网址：<https://www.accessdata.fda.gov/scripts/cdrh/cfdocs/cfRL/rl.cfm>

Qian He /Chief engineer

Issued: 01/09/2025

Expiration Date: 12/31/2025



Shenzhen OUA Testing Technology Co.,Ltd.

W: [www.fda-test.com](http://www.fda-test.com) E: [fda@fda-test.com](mailto:fda@fda-test.com)

T: 400-8788-298 T: 86-755-36916737

Web: <http://www.fda.gov> Tel: 1-888-INFO-FDA (1-888-463-6332) e-mail: [webmail@oc.fda.gov](mailto:webmail@oc.fda.gov)



# 検査成績書

## Test Result Attestation

証明書番号 : LCS210108006AE

Reference No.

発行年月日 : January 12, 2021

Issued date

申請者 : SHEHZHEN JIDING ELECTRONIC CO., LTD

Applicant : 3rd Floor, Building 28, Chentian Industrial Zone, Baotian 2nd Road, Xixiang Street, Baoan District, Shenzhen

製造工場 : SHEHZHEN JIDING ELECTRONIC CO., LTD

Manufacturing plant : 3rd Floor, Building 28, Chentian Industrial Zone, Baotian 2nd Road, Xixiang Street, Baoan District, Shenzhen

本検査成績書は、下記の一の製品試料の評価結果に基づいており、その評価試料が下記基準に適合していたことを証明するものであり、評価品と同じ設計の他生産品の評価を含んでいません。

This test result attestation is based on the results of a sample of the below-mentioned product and is to verify that the evaluated sample had complied the below-mentioned requirements, but this does not imply assessments of other products with same design to the evaluated item.

製品 : Intelligent visual ear picker

Product : (電気用品安全法電気用品非対象として取り扱う)

(The product or material out of the scope of the Electrical Appliance Material Safety Law (DENAN Law))

適用基準 : 「電気用品の技術上の基準を定める省令の解釈 (2019.12.20)」別表第十二, J55032 (H29)

Requirements for Household Appliances, Electric Tools and Similar Apparatus, J55032 (H29)

品番 : C6, C7, C8, C9, C10, C11, C12, CC6, CC7, CC8, CC9, CC10, CC11, CC12, Y8, Y9, Y10, Y11, Y12, Y13, YY8, YY9, YY10, YY11, YY12, YY13, S2, S3, S5, S6, S7, S8, S9, P1, P2, P3, P5, P6, P7, P8

データ : DC 3.6V

Parameters

結果 : 適合しました

Result : Passed

電気用品安全法電気用品非対象として取り扱う、製品は関連の標準に基づいてテストを行います、関連製品の日本標準に適合しています。

The product or material out of the scope of the Electrical Appliance Material Safety Law (DENAN Law). The products are tested according to relevant standards, which are comply with relevant JP safety standard.

この成績書は、弊社の試験に基づいており、証明書(又は、証明書と同等なもの)ではありません。それは同時に発行テストレポートの表紙として使用されるべきです。

This test result attestation is based on our testing. Hereby it should be used as a part of the testing report simultaneously.

この成績書は上記試験品に関するものであり、当該試験所の許可無しに、この成績書を抜粋し複写してはいけません。また、この成績書は、当該製品又は類似製品に何れかの試験マークを附す権利を与えるものではありません。

This test result attestation relates to the a. m. test item. Without permission of the test centre this test result attestation is not permitted to be duplicated in extracts. This test result attestation does not entitle to carry any test mark on this or similar products.



発行者 Issued by  
Gavin Liang



Shenzhen LCS Compliance Testing Laboratory Ltd.

Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxuezhiwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China

Tel: (86)755-82591330

Http://www.LCS-cert.com

Fax: (86)755-82591332

Email: webmaster@LCS-cert.com

扫码查询真伪  
Scan,Query authenticity



# MSDS

## MATERIAL SAFETY DATA SHEET

**Client**

**SHENZHEN JIDING ELECTRONIC CO., LTD**

502, Block D, Huachuangda Technology Park, No.176, Hangcheng Avenue,  
Sanwei Community, Hangcheng Street, Baoan District, Shenzhen,  
Guangdong, China

**Prepared by**

**Shenzhen ZTS Testing Service Co., Ltd..**

808, Building 1, 7th Industrial Zone, Yulv Community, Yutang Street,  
Guangming District, Shenzhen, Guangdong, China

**Report Date.**

**2025-07-04**

**Report No.**

**ZTS25070205FRM**

\*\*\*\*\*FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S)\*\*\*\*\*

**Shenzhen ZTS Testing Service Co., Ltd.**

**Drafted By:**

**Review By:**

**Approved By:**

**1. Identification of the product and supplier**

Name of goods	Visual ear scoop
Type/Model	S9, C6, C7, C8, C9, C10, C11, C12, CC6, CC7, CC8, CC9, CC10, CC11, CC12, Y8, Y9, Y10, Y11, Y12, Y13, YY8, YY9, YY10, YY11, YY12, YY13, S2, S3, S5, S6, S7, S8, P1, P2, P3, P5, P6, P7, P8
Rating	/
Commissioned by	SHENZHEN JIDING ELECTRONIC CO.,LTD
Commissioner address	502, Block D, Huachuangda Technology Park, No.176, Hangcheng Avenue, Sanwei Community, Hangcheng Street, Baoan District, Shenzhen, Guangdong, China
Manufacturer's name	SHENZHEN JIDING ELECTRONIC CO.,LTD
Manufacturer address	502, Block D, Huachuangda Technology Park, No.176, Hangcheng Avenue, Sanwei Community, Hangcheng Street, Baoan District, Shenzhen, Guangdong, China
Inspection according to	UN "Recommendations on the TRANSPORT OF DANGEROUS GOODS"
Emergency telephone call	17727422866

## 2. COMPOSITION/HAZARDOUS INGREDIENTS

Chemical Name	CAS No.	Weight(%)
Lithium Cobalt Oxide (LiCoO <sub>2</sub> )	12190-79-3	35.5
Aluminum Foil (Al)	7429-90-5	9
1.1-Difluoroethylene polymer	24937-79-9	1
Graphite (C)	7782-42-5	18
Copper Foil (Cu)	7440-50-8	15
Styrene-Butadiene polymer	9003-55-8	1.5
/Lithium hexafluorophosphate	21324-40-3	2.8
Ethylene carbonate	96-49-1	5
Dimelene carbonate	616-38-6	5
Carbonate, methyl ethyl	623-53-0	5
Nickel	744002-0	2.2

## 3. Hazards Identification

Explosive risk	This article does not belong to the explosion dangerous goods
Flammable risk	This article does not belong to the flammable material
Oxidation risk	This article does not belong to the oxidation of dangerous goods
Toxic risk	This article does not belong to the toxic dangerous goods
Radioactive risk	This article does not belong to the radiation of dangerous goods
Mordant risk	This article does not belong to the corrosion of dangerous goods
other risk	Watt hour rate, which belong to the Lithium ion batteries (including lithium ion polymer batteries)

#### 4. FIRST AID MEASURES

Eye	In case of contact with internal substances of the battery, immediately rinse with plenty of water for at least 15 minutes, lift the upper and lower eyelids until the chemical residue disappears, and seek medical attention promptly
Skin	In case of contact with internal substances of the battery, rinse with plenty of water for at least 15 minutes, while removing contaminated clothing and shoes, and seek medical attention promptly.
Inhalation	If accidentally inhaling substances inside the battery, immediately move from the exposed area to a place with fresh air. If breathing is difficult, administer oxygen and seek medical attention immediately.
Ingestion	If you are not careful about ingesting the internal substances of the battery, drink two glasses of milk or water. If the parties are still clear, induce vomiting and seek medical attention immediately.

#### 5. FIGHTING MEASURES

**Flash Point:** No data

**Auto-Ignition Temperature:** No data

**Extinguishing Media:** Water, CO<sub>2</sub>.

**Special Fire-Fighting Procedures:** Self-contained breathing apparatus.

**Unusual Fire and Explosion Hazards:**

Cell may vent when subjected to excessive heat-exposing battery contents.

**Hazardous Combustion Products:** Carbon monoxide, carbon dioxide, lithium oxide fumes.



## 6. ACCIDENTAL RELEASE MEASURES

### Steps to be Taken in case Material is Released or Spilled

If the battery material is released, remove personnel from area until fumes dissipate. Provide maximum ventilation to clear out hazardous gases. Wipe it up with a cloth, and dispose of it in a plastic bag and put into a steel can. The preferred response is to leave the area and allow the battery to cool and vapors to dissipate. Provide maximum ventilation. Avoid skin and eye contact or inhalation of vapors. Remove spilled liquid with absorbent and incinerate.

### Waste Disposal Method

It is recommended to discharge the battery to the end, to use up the metal lithium inside the battery, and to bury the discharged battery in soil.

## 7. HANDING AND STORAG

The battery should not be opened, destroyed or incinerate, since they may leak or rupture and release to the environment the ingredients that they contain in the hermetically sealed container.

Do not short circuit terminals, or over charge the battery, forced over-discharge, throw to fire. Do not crush or puncture the battery, or immerse in liquids.

### Precautions to be taken in handling and storing

Avoid mechanical or electrical abuse. Storage preferably in cool, dry and ventilated area, which is subject to little temperature change. Storage at high temperatures should be avoided. Do not place the battery near heating equipment, nor expose to direct sunlight for long periods.

### Other Precautions

The battery may explode or cause burns, if disassembled, crushed or exposed to fire or high temperatures. Do not short or install with incorrect polarity.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Respiratory Protection

In case of battery venting, provide as much ventilation as possible. Avoid confined areas with venting cell cores. Respiratory Protection is not necessary under conditions of normal use.

### Ventilation

Not necessary under conditions of normal use.

### Protective Gloves

Not necessary under conditions of normal use.

### Other Protective Clothing or Equipment

Not necessary under conditions of normal use.

### Personal Protection is recommended for venting battery

Respiratory Protection, Protective Gloves, Protective Clothing and safety glass with side shields.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Solid
Color	Black, purple, gray, dark blue, rose red, light green, coral, pink, sky blue, cream, olive green
Nominal Voltage: :	/
Odour	No data
pH	No data
Melting point/freezing point	No data
Boiling Point and Boiling range	No data
Flash Point	No data
Upper/lower flammability or explosive limits	No data
Vapor Pressure	No data
Vapor Density	No data
Relative density	No data
Solubility in Water	No data
Auto-ignition temperature	No data
Decomposition temperature	No data
Evaporation rate	No data
Flammability (soil, gas)	No data
Viscosity	No data

## 10. STABILITY AND REACTIVITY

Stability: Product is stable under conditions described in Section 7.

Conditions to avoid: Heat above 70°C or incinerate. Deform. Mutilate. Crush. Disassemble. Overcharge. Short circuit. Expose over a long period to humid conditions.

Materials to avoid: Oxidising agents, alkalis, water.

Hazardous Decomposition Products: Toxic Fumes, and may form peroxides.

Hazardous Polymerization: No data.

If leaked, forbidden to contact with strong oxidizers, mineral acids, strong alkalies, halogenated hydrocarbons.

## 11 - TOXICOLOGICAL INFORMATION

Signs & symptoms: None, unless battery ruptures.

In the event of exposure to internal contents, vapour fumes may be very irritating to the eyes and skin. Inhalation: Lung irritant.

Skin contact: No data

Eye contact: No data

Ingestion: Ingestion causes discomfort

Medical conditions generally aggravated by exposure: In the event of exposure to internal contents, moderate to sever irritation, burning and dryness of the skin may occur, Target organs nerves, liver and kidneys.

## 12 - ECOLOGICAL INFORMATION

**Mammalian effects:** None known at present.

**Eco-toxicity:** None known at present.

**Bioaccumulation potential:** Slowly Bio-degradable.

**Environmental fate:** None known environmental hazards at present.

## 13- DISPOSAL CONSIDERATIONS

Do not incinerate, or subject cells to temperature in excess of 70°C, Such abuse can result in loss of seal leakage, and/or cell explosion. Dispose of in accordance with appropriate local regulations.

## 14. TRANSPORT INFORMATION

**Label for conveyance:** Lithium Battery Mark.

**UN Number:** UN3480 or UN3481

**EmS No:** F-A, S-I

**Marine pollutant:** No

**Proper Shipping name:** 1) Lithium ion batteries; 2) Lithium ion batteries packed with equipment; 3) Lithium ion batteries contained in equipment. (including Lithium ion polymer batteries)

**Hazard Classification:** The goods shall be complied with the requirements of Section II (or Section IB) of Packing Instructions 965~967 of 66th DGR Manual of IATA (2025 Edition)

## 15 - REGULATORY INFORMATION

### Law information

- 《Dangerous Goods Regulations》
- 《Recommendations on the Transport of Dangerous Goods Model Regulations》
- 《International Maritime Dangerous Goods》
- 《Technical Instructions for the Safe Transport of Dangerous Goods》
- 《Classification and code of dangerous goods》
- 《Occupational Safety and Health Act》 (OSHA)
- 《Toxic Substance Control Act》 (TSCA)
- 《Consumer Product Safety Act》 (CPSA)
- 《Federal Environmental Pollution Control Act》 (FEPCA)
- 《The Oil Pollution Act》 (OPA)
- 《Superfund Amendments and Reauthorization Act TitleIII (302/311/312/313)》 (SARA)
- 《Resource Conservation and Recovery Act》 (RCRA)
- 《Safety Drinking Water Act》 (CWA)
- 《California Proposition 65》
- 《Code of Federal Regulations》 (CFR)

In accordance with all Federal, State and local laws.

## 16- OTHER INFORMATION

The above information is based on the data of which we are aware and is believed to be correct as of the data hereof. Since this information may be applied under conditions beyond our control and with which may be unfamiliar and since data made available subsequent to the data hereof may suggest modifications of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.

**PHOTO1****\*\*\*\*\* THE END \*\*\*\*\***

**TEST REPORT**  
**UL 859**  
**STANDARD FOR SAFETY**  
**Household Electric Personal Grooming Appliances**

Report Reference No. .... : AIT24041007S

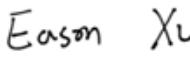
Date of issue ..... : 2024-04-12

Total number of pages ..... : 24 pages

**Testing Laboratory name** ..... : Dongguan Yaxu (AiT) Technology Limited

Address ..... : No. 22, Jinqianling Third Street, JitiGang, Huangjiang, Dongguan, Guangdong, China

Testing location ..... : Same as above

Tested by (name + signature) ..... : Eason Xu 

Approved by (name + signature) ..... : Sandy Liang 



Applicant's name ..... : SHENZHEN JIDING ELECTRONIC CO., LTD

Address ..... : 502, Block D, Huachuangda Technology Park, No. 176, Hangcheng Avenue, Sanwei Community, Hangcheng Street, Baoan District, Shenzhen, Guangdong, China

Manufacturer's name ..... : SHENZHEN JIDING ELECTRONIC CO., LTD

Address ..... : 502, Block D, Huachuangda Technology Park, No. 176, Hangcheng Avenue, Sanwei Community, Hangcheng Street, Baoan District, Shenzhen, Guangdong, China

Factory's name ..... : N/A

Address ..... : N/A

**Test specification:**

Standard ..... : UL 859:2012/R:2022

Test procedure ..... : Type test

Procedure deviation ..... : N/A

Non-standard test method ..... : N/A

Note: The test data was only valid for the test sample(s). This test report is prepared for the customer shown above and for the specific product described herein. It must not be duplicated or used in part without prior written consent from Dongguan Yaxu (AiT) Technology Limited. Unless otherwise specified, the measurement uncertainty is not considered in this report.

**Test item description**.....: Intelligent visual ear scoop

Trade Mark.....: N/A

Model/Type reference .....: S9, Y12, C6, C7, C8, C9, C10, C11, C12, CC6, CC7, CC8, CC9, CC10, CC11, CC12Y8, Y9, Y10, Y11, Y12, Y13, YY8, YY9, YY10, YY11, YY12, YY13, S2, S3, S5, S6, S7, S8, S9, P1, P2, P3, P5, P6, P7, P8, X00468Y8V5, X00468Y8V5

Ratings .....: Input: 5.0VDC, 0.2A

#### **Copy of marking plate:**

The artwork below may be only a draft. The use of certification marks on a product must be authorized by the respective NCBs that own these marks.

##### **Intelligent visual ear scoop**

Model: S9

Input: 5.0VDC, 0.2A

Manufacturer: SHENZHEN JIDING ELECTRONIC CO., LTD

Address: 502, Block D, Huachuangda Technology Park, No. 176, Hangcheng Avenue, Sanwei Community, Hangcheng Street, Baoan District, Shenzhen, Guangdong, China

Made in China

For indoor use only

YYXX

#### Note:

1. The above marks are the minimum requirements required by the safety standard. For the final production, the additional marks which do not give rise to misunderstanding may be added.
2. Date code: YYXX means month and year.
3. Cautionary marking "For indoor use only" shall be at least 2.4mm in height in letters.

<b>Test item particulars</b> .....	: Intelligent visual ear scoop
<b>Classification of installation and use</b> .....	: Portable
<b>Operating condition</b> .....	: Continuous
<b>Supply Connection</b> .....	: Not directly connected to the mains
<b>Possible test case verdicts:</b>	
- test case does not apply to the test object .....	: N/A
- test object does meet the requirement.....	: P (Pass)
- test object does not meet the requirement.....	: F (Fail)
<b>Testing</b> .....	
<b>Date of receipt of test item</b> .....	: 2024-04-03
<b>Date (s) of performance of tests</b> .....	: 2024-04-03 to 2024-04-12
<b>General remarks:</b>	
The test results presented in this report relate only to the object tested. This report shall not be reproduced, except in full, without the written approval of the Issuing testing laboratory. "(See Enclosure #)" refers to additional information appended to the report. "(See appended table)" refers to a table appended to the report. Throughout this report a <input type="checkbox"/> comma / <input checked="" type="checkbox"/> point is used as the decimal separator.	
<b>Summary of testing:</b> All tests were performed on model S9 at the worst case and all test results complied with the standard on cover page.	
<b>General product information:</b> 1. All models are identical except for model name. 2. The mass of equipment: 0.022kg	

## UL 859

Clause	Requirement + Test	Result - Remark	Verdict
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1	<b>Scope</b>		P
2	<b>Components</b>		P
3	<b>Units of Measurement</b>		N/A
4	<b>Undated references</b>		N/A
5	<b>Glossary</b>		N/A

<b>CONSTRUCTION</b>			
6	<b>General</b> Construction required by UL 1097 also considered and passed		P
6.1	In the following text, a requirement that applies only to a specific type or types of appliances, such as a hand-supported hair dryer and a curling iron, is so identified by specific reference in that requirement to the type or types involved. Absence of such specific reference or use of the term "appliance" indicates that the requirement applies to all appliances covered by this standard		P
6.2	An appliance that is a combination of two or more types (for example, an appliance having a hand-supported part and a counter-supported part), or an appliance that fits the definition of two or more types (for example, an appliance that can be used while supported by hand or while supported by a counter top), is to be investigated in accordance with the applicable requirements for the types of appliances involved. If two requirements that address the same condition differ, the appliance is to be investigated to the more severe requirement	No such combination	N/A
6.3	A heated air curling iron or brush, as defined in 5.25, shall comply with the requirements applicable to hand-supported hair dryers and curling irons		P
6.4	A container for liquid intended for use with the appliance, and supplied as part of the appliance, shall comply with applicable construction requirements	No such liquid container	N/A
6.5	A curling iron that is likely to be laid on combustible material shall be provided with a stand made of material resistant to combustion upon which it may be placed when not in use		P
6.6	A curling iron that attains a temperature higher than 100°C (212°F) when operated continuously shall be provided with an integral stand. A stand provided for other types of appliances may be a separate device or integral with the appliance		P
6.7	With respect to 6.6, an integral stand provided for a curling iron shall be of such design or shape that any surface of the curling iron exceeding 150°C (302°F) will not contact the supporting surface when the curling iron is supported in its intended manner by the stand		P
6.8	A polymeric material used as an integral stand in compliance with the requirements in 6.7 shall be rated for the temperature it is subjected to during use		P

**UL 859**

Clause	Requirement + Test	Result - Remark	Verdict
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<b>7</b>	<b>Hair Dryer Immersion Protection</b>	Not a hair dryer	N/A
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<b>8</b>	<b>Frame and Enclosure</b> Resistance to Impact Test mentioned in UL 746C considered and passed	<b>P</b>
8.1	General	P
8.2	Polymeric enclosures and parts	P
8.3	Metal enclosures	Not metal enclosure used
8.4	Corrosion resistance	P
8.5	Accessibility of live parts	P
8.6	Doors and covers	Not used
		N/A

<b>9</b>	<b>Reduction of Risk of Injury to Persons</b>	<b>P</b>
9.1	General	P
9.2	Appliances with reservoirs	Not such appliance
9.3	Wax depilatory appliances	Not such appliance
		N/A

<b>10</b>	<b>Mechanical Assembly</b>	<b>P</b>
10.1	An appliance that involves a motor or other vibrating part shall be assembled such that the appliance will not be affected adversely by the vibration. Brush caps shall be tightly threaded or otherwise constructed to prevent loosening	No motor or other vibrating parts.
10.2	A switch (other than a through-cord switch), lampholder, receptacle, motor-attachment plug, or similar component shall be mounted securely and shall be prevented from turning	Electronic circuit switch is soldered on the control PCB
10.3	Friction alone shall not be relied on for turn-prevention as required in 10.2. A lock-washer, applied as intended, is a reliable means of turn-prevention of a device with a single-hole mounting means	No friction means used for such purpose
10.4	A positive means shall be provided to prevent parts of an appliance from turning with respect to each other if such turning would result in reduction of spacings, twisting of wires, and the like	N/A
10.5	A fastener that secures the insulating tip of a curling iron, a heated brush, or a similar appliance shall be constructed, fastened, or located so as to prevent the fastener from becoming loosened if such loosening can result in a risk of fire or electric shock	P
10.6	Compliance with the requirement specified in 8.5 may be accomplished by use of:	
	a) Staked and upset screws,	P
	b) Screws with properly applied lock washers,	N/A
	c) Press fitting of the insulating tip into place, or	N/A
	d) Other equivalent means	N/A
	A polymeric material relied upon to prevent the fasteners from loosening shall have the required mechanical strength, resistance to heat, and dimensional stability. All of these properties are to be considered with respect to thermal aging	P

**UL 859**

Clause	Requirement + Test	Result - Remark	Verdict
10.7	If any part of a metal spring of a hair clamp of a curling iron or a similar appliance can become loose inside the enclosure of electrical parts as a result of breakage of the spring, the construction shall be such that electrical spacings will not be reduced	Loose or breakage of spring inside appliance will not reduce electric spacing	P
10.8	Compliance with the requirement specified in 10.7 may be accomplished by		P
	a) Locating all parts of the spring outside the enclosure of electrical parts		P
	b) Using barriers		N/A
	c) Using physical restraints, or		N/A
	d) Using other equivalent means		N/A
10.9	The temperature sensor of a temperature controller, a thermostat, a thermal cutoff, or a similar device shall be secured in place	No such device	N/A

<b>11</b>	<b>Stability</b>		<b>P</b>
11.1	A floor- or counter-supported appliance shall be constructed such that it will not be overturned when tested in accordance with 37.1.		P
	Exception: An appliance whose overturning during intended use will not present a risk of burns or injury to persons need not be tested.		N/A
11.2	With regard to 11.1, a hand-supported hair dryer provided with a stand for conversion into a counter-supported hair dryer is to be evaluated as a hand-supported appliance and is not to be subjected to the stability test.		N/A
11.3	A wax depilatory appliance shall be tested and the results shall be evaluated as described in 37.2, except that the wax may be in any combination of solid and liquid states anticipated during the intended operation of the appliance. Any movable parts or covers are to be in the positions that result in the most adverse conditions of use.		N/A
	<i>Exception: The test need not be conducted on a construction for which there is no possibility of molten wax spilling from its container under any condition of use, such as constructions in which the wax material is contained within completely enclosed wax applicators.</i>		N/A

<b>12</b>	<b>Hanging and Mounting Means</b>		<b>N/A</b>
	No such means		

<b>13</b>	<b>Supply Connections</b>		<b>N/A</b>
13.1	Permanently-connected appliances	No such appliance	N/A
13.2	Wiring terminals		N/A
13.3	Cord-connected appliances		N/A
13.4	Strain relief		N/A
13.5	Bushings		N/A
13.6	Direct plug-in appliances	No such appliance	N/A

**UL 859**

Clause	Requirement + Test	Result - Remark	Verdict
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14	Live Parts		P
14.1	A current-carrying part shall be of silver, copper, a copper alloy, or equivalent material		P
14.2	Plated iron or steel may be used for a current-carrying part:		N/A
	a) Whose temperature during intended operation is more than 100°C (212°F)		N/A
	b) Within a motor or associated governor; or		N/A
	c) If provided in a component in accordance with 2.1; but unplated iron or steel shall not be used		N/A
	Exception: Stainless steel and other corrosion-resistant alloys may be used for current-carrying parts regardless of temperature		N/A
14.3	An uninsulated live part shall be secured to the base or mounting surface so that it will be prevented from turning or shifting in position if such motion results in a reduction of spacings below the minimum required values	PCB is secured to handle by screws. No likely turning or shifting	P
14.4	Friction between surfaces shall not be used as a means to prevent shifting or turning of an uninsulated live part, but a lock washer applied as intended is acceptable	No such friction means used	N/A

15	Reservoirs		P
15.1	If a reservoir is part of an appliance, a live part shall be located or protected so that it will not be subject to dripping if the reservoir does not perform as intended.		P
	Exception: The requirement need not apply if the reservoir is resistant to corrosion from the liquid intended for use in it, and the reservoir does not develop cracks as a result of aging.		N/A

16	Internal Wiring		P
	Clause 12 of UL 1097 also considered		
16.1	The wiring and connections between parts of an appliance shall be protected or enclosed	All wiring and connections are enclosed	P
	Exception: A length of flexible cord may be used for external connections between parts of the appliance if flexibility is essential		N/A
16.2	A wireway shall be smooth and entirely free from sharp edges, burrs, fins, moving part similar abrading surfaces that might damage the insulation on the conductors	Wire-way is smooth. Wire is protected by heating shrinkable sleeving where it pass through the hinge	P
16.3	A hole in a sheet metal wall through which insulated wires pass shall be provided with a smooth rounded bushing or shall have a smooth, well-rounded surface upon which the wires bear	No hole in a sheet metal	N/A
16.4	A separate foot switch provided with an appliance shall be connected to the appliance by flexible cord no lighter than Type SJ	No such foot switch	N/A
16.5	Insulated internal wiring (including a grounding conductor) shall consist of a type or types of wire that are acceptable for the application with regard to:		P
	a) The temperature and voltage to which the wiring is likely to be subjected;		P
	b) Exposure to oil, grease, or other substances likely to have a harmful effect on the insulation;		P

**UL 859**

Clause	Requirement + Test	Result - Remark	Verdict
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	c) Exposure to moisture; and		P
	d) Other conditions of service to which it is likely to be subjected		P
16.6	Internal wiring composed of insulated conductors shall comply with the Standard for Appliance Wiring Material, UL 758	(see CDF)	P
16.7	A splice and connection shall be mechanically secure and shall provide effective electrical contact		P
16.8	Aluminum conductors, insulated or uninsulated, used as internal wiring, such as for interconnection between current-carrying parts or as motor windings, shall be terminated at each end by a method acceptable for the combination of metals involved at the connection point	No aluminium conductors used	N/A
16.9	If a wire-binding screw construction or a pressure wire connector is used as a terminating device for aluminum, it shall be required for use with aluminum under the conditions involved (for example, temperature, heat cycling, vibration)		N/A
16.10	A soldered connection shall be made mechanically secure before being soldered if breaking or loosening of the connection results in a risk of fire, electric shock, or injury to persons		P
16.11	A wire-binding screw or nut shall be provided with a lock-washer if loosening by vibration permits shifting of parts thereby reducing spacings, or otherwise results in a risk of fire, electric shock, or injury to persons. The lock-washer shall be located under the head of a wire-binding screw or under a wire-binding nut	No such parts	N/A
16.12	An open-end spade lug shall not be used unless additional means (such as upturned ends on the tangs of the lug) are provided to hold the lug in place if the wire-binding screw or nut becomes slightly loosened	No such parts	N/A
16.13	The means of connecting stranded internal wiring to a wire-binding screw shall be such that loose strands of wire are prevented from contacting other live parts not always of the same polarity as the wire and from contacting dead-metal parts. This can be accomplished by using a pressure terminal connector, a soldering lug, a crimped eyelet, or by soldering all strands of the wire together or the equivalent	No such parts	N/A
16.14	A splice shall be provided with insulation equivalent to that of the wires involved if spacing between the splice and other metal parts is not permanently maintained	No Splices	N/A
16.15	Insulation consisting of two layers of friction tape, two layers of thermoplastic tape, or one layer of friction tape on top of one layer of rubber tape is acceptable on a splice. In determining whether splice insulation consisting of coated fabric, thermoplastic, or other type of tubing is acceptable, consideration is to be given to such factors as dielectric properties, heat-and moisture-resistant characteristics, and similar criteria. Thermoplastic tape wrapped over a sharp edge shall not be used		N/A
16.16	Quick-connect type wire connectors shall be suitable for the wire size, type (solid or stranded), conductor material (copper or aluminum) and the number of conductors terminated. If insulated, they shall be rated for the voltage and temperature of the intended use.	Not quick-connect type connectors used	N/A
	They shall be applied per the installation instructions of the wire connector manufacturer		N/A

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Clause	Requirement + Test	Result - Remark	Verdict
16.17	Quick-connect terminals, both connectors and tabs, for use with one or two 22-10AWG copper conductors, having nominal widths of 2.8, 3.2, 4.8, 5.2, and 6.3mm (0.110, 0.125, 0.187, 0.205, and 0.250 inch), intended for internal wiring connections in appliances, or for the field termination of conductors to the appliance, shall comply with the Standard for Electrical Quick-Connect Terminals, UL 310		N/A
16.18	Wire connectors shall comply with the Standard for Wire Connectors, UL 486A-486B	No wiring connector	N/A
16.19	Splicing wire connectors shall comply with the Standard for Splicing Wire Connectors, UL 486C	No splicing wire	N/A
16.20	Single and multipole connectors for use in data, signal, control and power applications within and between electrical equipment, and that are intended for factory assembly to copper or copper alloy conductors, or for factory assembly to printed wiring boards, shall comply with the Standard for Component Connectors for Use in Data, Signal, Control and Power Applications, UL 1977	No such connector	N/A
16.21	Multi-pole splicing wire connectors that are intended to facilitate the connection of hard-wired utilization equipment to the branch-circuit conductors of buildings shall comply with the Standard for Insulated Multi-Pole Splicing Wire Connectors, UL 2459	No such connector	N/A
16.22	Equipment wiring terminals for use with all alloys of copper, aluminum, or copper-clad aluminum conductors, shall comply with the Standard for Equipment Wiring Terminals for Use with Aluminum and/or Copper Conductors, UL 486E	No such connector	N/A
16.23	Terminal blocks shall comply with the Standard for Terminal Blocks, UL 1059, and, if applicable, be suitably rated for field wiring	No terminal block	N/A
	Exception: A fabricated part performing the function of a terminal block need not comply with UL 1059 if the part		N/A
	complies with the requirements of:		N/A
	a) Pin terminals, Section 13.3.2;		N/A
	b) Live Parts, Section 14;		N/A
	c) Electrical Insulation, Section 18; and		N/A
	d) Spacings, Section 26 of this standard. This exception does not apply to protective conductor terminal blocks		N/A

17	Heating Element	P
17.1	A heating element shall be supported in a reliable manner and shall be protected against mechanical damage and contact with outside objects	P
17.2	In determining whether a heating element is reliably supported, consideration is to be given to sagging, loosening, and other adverse conditions resulting from continuous heating	P
17.3	An appliance in which the heating element is designed for operation only in an air stream shall be wired or controlled so that the element is capable of operation only when under the cooling effect of the air stream	P
17.4	A sheathed element, open-wire heating element or the like shall be judged under the applicable requirements of this Standard	No sheathed element, open wire heating elements N/A

**UL 859**

Clause	Requirement + Test	Result - Remark	Verdict
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17.5	Insulated heating wire shall comply with the Standard for Appliance Wiring Material, UL 758	No Insulated heating wire	P
17.6	Thermistor-type heaters (e.g. PTC or NTC heaters) shall comply with the Standard for Thermistor-Type Devices, UL 1434		P
	d) Unwanted tripping test – Load Condition II – Condition B and C		N/A
	e) Unwanted tripping test – Load Condition III – Condition A		N/A
	f) Operation Inhibition - Masking		N/A
	Exception: The test carbonized path arc clearing time test is not applicable for LCDIs that are provided with shielded power-supply cords		N/A
17.4	An AFCI or LCDI provided as part of an appliance intended for outdoor use shall comply with the applicable requirements in Section 50.1		N/A

<b>18</b>	<b>Electrical Insulation</b>		<b>N/A</b>
18.1	General		P
18.2	Film-coated wire (magnet wire)	No such wire	N/A

<b>19</b>	<b>Thermal Insulation</b>		<b>P</b>
19.1	Combustible thermal and electrically conductive insulation shall not contact an uninsulated live part		P
19.2	Mineral wool thermal insulation that contains conductive impurities in the form of slag shall not come into contact with any uninsulated live part		N/A
19.3	Thermal insulation shall be rated for the temperature to which it is exposed when tested under the conditions described in 44.1.1		P

<b>20</b>	<b>Overcurrent Protection</b>		<b>P</b>
20.1	If overcurrent conditions are likely to occur, the appliance shall be provided with a circuit breaker or fuse		N/A
20.2	Overcurrent protection at not more than 20A shall be provided by means of a circuit breaker or fuse in the appliance for each general use receptacle circuit and each lampholder circuit in the appliance, unless the appliance would be correctly connected to a branch circuit rated at 20A or less		N/A
20.3	The overcurrent protection specified in 20.2 shall be of a type rated for branch circuit protection		N/A
20.4	A fuseholder or circuit breaker provided as a part of an appliance shall be of a type rated for the particular application and shall not be accessible from outside the appliance without opening a door or cover. A fuseholder for a plug fuse shall be constructed and installed so that an uninsulated live part other than the screw shell will not be exposed to contact by persons removing or replacing a fuse	No fuseholder used	N/A
	Exception: The operating handle of a circuit breaker may project outside the enclosure		N/A

**UL 859**

Clause	Requirement + Test	Result - Remark	Verdict
20.5	For other than a hand-supported appliance, if the handle of a circuit breaker is operated vertically rather than rotationally or horizontally, the up position of the handle shall be the on position	Hand-supported appliance	N/A
21	<b>Thermal Cutoffs (Fusible Links)</b> Not thermal cutoffs used		N/A
22	<b>Lampholders and Receptacles</b> No lampholders and receptacles used		N/A
23	<b>Switches</b>		N/A
24	<b>Automatic Controls and Control Circuits</b> No such control circuit		N/A
25	<b>Controls – End Product Test Parameters</b>		N/A
26	<b>Spacings</b> Clause 11 of UL 1097 also considered		P
26.1	General		P
26.1.1	All uninsulated live parts connected to different circuits – line voltage, low voltage (Class 2), or limited energy primary – and separated electrically by insulation or impedance shall be spaced from one another as though they were parts of opposite polarity and shall be judged on the basis of the highest voltage involved		P
26.1.2	The spacing between uninsulated live parts of opposite polarity and between such parts and dead metal that may be grounded in service is not specified for parts of circuits that are classified as low voltage (Class 2) circuits	No such circuits	N/A
26.1.3	The spacing between uninsulated live parts within a limited energy primary circuit is not specified if the: a) Location and relative arrangement of the parts are such that permanent separation is provided and b) Limited-energy circuit meets the abnormal test requirements specified in 46.6.1 – 46.6.4	No such limited energy primary circuit	N/A
26.1.4	The spacing between uninsulated live parts of a limited-energy primary circuit and dead metal that may be contacted by persons, or that may become grounded in service, is as specified in 26.1.6	No such circuit	N/A
26.1.5	With respect to 26.1.4, an entire component shall be evaluated as live part if any dead metal of the component is isolated from a live part by an insulation system or by a spacing that is inadequate for the line voltage involved		N/A
26.1.6	There shall be a spacing of not less than 1/16 inch (1.6mm) between uninsulated line voltage parts of opposite polarity, and between an uninsulated line-voltage part and a dead-metal part that might be exposed to contact by persons during operation of the appliance or that might be grounded. If an uninsulated live part is not rigidly supported, or if a movable dead-metal part is in close proximity to an uninsulated live part, the construction shall be such that this minimum spacing will be maintained		N/A

## UL 859

Clause	Requirement + Test	Result - Remark	Verdict
26.1.7	under all operating conditions An insulating lining or barrier of fiber or similar material shall be so located or of such material that it will not be affected adversely by arcing. If the lining or barrier is used instead of an air spacing, the material shall not be less than 1/32 inch (0.8mm) thick		N/A
26.2	Spacings on printed wiring boards		P
27	<b>Grounding</b> No grounding provided		N/A
28	<b>Motors</b> No motor used		N/A
29	<b>Transformer</b> No transformer used		N/A
30	<b>Batteries and Battery Chargers</b>		N/A
31	<b>Capacitor</b> Not used		N/A
32	<b>Light Sources and Associated Components</b> No such components		N/A
<b>PERFORMANCE</b>			
33	<b>Ionization Circuits</b> No Ionization Circuits		N/A
34	<b>General</b>		P
35	<b>Strength of Enclosure Test</b> Clause 16 of UL 1097 also considered		P
36	<b>Tip-Over Test</b>		P
36.1	Three samples of an appliance as described in 9.2.1 shall be tested and each sample is to be tested three times. Each sample of the appliance is to be placed on a horizontal surface of laminated thermosetting counter-top-type material. The appliances are to be oriented in a position that is likely to occur during intended use, and are to contain whatever combination of separable components and liquid that results in the most adverse condition for this test.		P
36.2	For an appliance with a capacity of 32 fluid ounces (947 mL) or less, the sample is to be tilted to determine its critical angle of balance (the angle at which the sample will tip over due only to the force of gravity). The results are acceptable if one of the following occurs: a) The critical angle of balance is 45 degrees or greater or		P
			P

**UL 859**

Clause	Requirement + Test	Result - Remark	Verdict
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	b) The lid, if provided, remains in place and the amount of liquid emitted during the first 5 seconds from the appliance during tip over is no more than 5 fluid ounces (148 mL).		P
	Exception: An appliance having a reservoir with a capacity of 5 fluid ounces or less need not be tested.		N/A
36.3	For an appliance with a capacity of greater than 32 fluid ounces (947 mL), the sample is to be tipped over. The results are acceptable if the lid remains in place.		N/A

37	<b>Stability Test</b>	P
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38	<b>Leakage Current Test</b> Clause 13 of UL 1097 also considered	P
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39	<b>Leakage Current Test Following Humidity Conditioning</b>	P
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40	<b>Immersion Protection Trip Time Measurement Test</b> Not hair dryers	N/A
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41	<b>Dew Point Humidity Test</b> Not hair dryers	N/A
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42	<b>Conductive Coating Test</b> Not hair dryers	P
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43	<b>Power Input Test</b>	P
43.1	The power input to an appliance marked with a rating of 50W or less shall be within the inclusive range of 75%	N/A
	110% of that rating. If the marked rating is greater than 50W, the power input shall be within the inclusive range of 90%-110% of that rating	P
43.2	With respect to 43.1, the wattage of an appliance marked with its electrical rating only in amperes and volts will be assumed to be the product of those two values	P
43.3	The power input to the appliance is to be measured with the appliance at operating temperature under full-load conditions, and while connected to a circuit of a voltage in accordance with 44.1.13. Control switches or the equivalent, if provided, are to be set to give the maximum power input. For an appliance having a preheat cycle of operation as defined in 5.33, the maximum input value measured during the preheat cycle, with the appliance at room temperature at the beginning of the measurement, is to be used to determine compliance with the requirement specified in 43.1	P

44	<b>Normal Temperature Test</b>	P
44.1	All appliance	P
44.2	Wax depilatory appliances	No such appliance
44.3	Heated air curling irons and brushes	N/A

## UL 859

Clause	Requirement + Test	Result - Remark	Verdict
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44.4	Hair-drying appliances	No such appliance	N/A
44.5	Hand-supported hair dryers	No such appliance	N/A

45	<b>Dielectric Voltage-Withstand Test</b> Clause 14 and 15 of UL 1097 also considered	P
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46	<b>Abnormal Operation Test</b>	P
46.1	General	P
46.1.4	A curling iron is operated without any separable stand	N/A
46.2	Hair dryers -drape test	No hair dryers
46.3	Hair dryer locked rotor test	No hair dryers
46.4	Hand-supported hair dryers	No hair dryers
46.5	Dual-voltage appliances	No dual-voltage appliances with a voltage selector.
46.6	All appliances -short-circuit, stall test	P
46.7	Hair curler heater-short-circuit test	N/A
46.8	Bonnet-type hair dryers – hair entanglement test	N/A
46.9	Wax depilatory appliances	N/A
46.10	Hair dryer immersion protective devices with convenience receptacles	N/A
46.11	Appliances having an automatically-controlled preheat cycle	N/A

47	<b>Exposure to Moisture Test</b>	P
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48	<b>Strain Relief Test</b>	P
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49	<b>Cord Flexing Test</b>	P
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50	<b>Cord Flexing Test for Appliance Leakage-Current-Interrupter (ALCI)</b>	N/A
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51	<b>Test for Security of Swivel Assembly</b>	N/A
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52	<b>Swivel Endurance Test</b>	N/A
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53	<b>Hinge Endurance Test</b>	N/A
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54	<b>Test of Automatic Controls</b>	N/A
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55	<b>Test of Thermal Cutoffs</b>	N/A
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Clause	Requirement + Test	Result - Remark	Verdict
56	<b>Motor Control Overload Test</b>		N/A
57	<b>Grounding Continuity Test</b>		N/A
58	<b>Test of Permanence of Cord Tag for Hand-Supported Hair-Drying Appliances</b>		N/A
59	<b>Mounting Means Strength Test</b>		N/A
60	<b>Extended Operation Test</b>		N/A
61	<b>Heating Element Endurance Test</b>		N/A
62	<b>Test of Physical Properties of a Liquid Container, Seal or Diaphragm</b>		P
63	<b>Label Adhesion Test</b>		P
64	<b>Flammability Test – Wax for Depilatory Appliances</b>		N/A
65	<b>Additional Testing for Hand-Supported Grooming Appliances with a Detachable Power Supply Cord and for Hand-Supported Grooming Appliances with Detachable Parts Intended to be Disconnected From Power Under Load Conditions</b>		N/A
66	<b>Thermoplastic Motor Insulation Systems</b>		P
67	<b>Ozone Test</b>		P
<b>MANUFACTURING AND PRODUCTION-LINE TESTS</b>			
68	<b>Dielectric Voltage-Withstand Test</b>		P
69	<b>Grounding Continuity Test</b>		N/A
70	<b>Hair Dryer Power Input Test</b>		N/A
<b>RATINGS</b>			
72	<b>Details</b>		P
72.1	General		P
72.1.1	a) Manufacturer's name, trade name, trademark other descriptive marking		P
	b) the date or other dating period of manufacture not exceeding any three consecutive months		P

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Clause	Requirement + Test	Result - Remark	Verdict
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	c) distinctive model number		P
	d) electric rating		P
72.1.2	Repetition time cycles of a date code shall not be less than 10. The date code shall not require reference to the manufacturer's record to determine when the appliance was manufactured		P
72.1.3	More than one factory	Only one factory	N/A
72.1.4	Marking shall be paint-stenciled, die-stamped, molded, or equivalent	Marking was glued on enclosure	P
72.1.5	Block lettering		P
72.1.6	General-use receptacles	No such parts	N/A
72.1.7	Convenience receptacles	No such parts	N/A
72.1.8	Replaceable individual heating element	No such parts	N/A
72.1.9	Cleaning of appliance	No such cleaning involves safety issues	N/A
72.1.10	Appliance having field-wiring terminals	No field-wiring terminals	N/A
72.2	Body-or table-supported hood-or bonnet-type hair dryers	No hair dryer	N/A
72.3	Dual-voltage appliances	No dual-voltage appliances	N/A
72.4	Hand-supported hair-drying appliances	No hair drying appliances	N/A
72.5	Permanently-installed wall-mounted hair dryers	No hair dryer	N/A
72.6	Curling irons		N/A
72.7	Direct plug-in appliances		N/A
72.8	Wax depilatory appliances	No wax depilatory appliance	N/A
72.9	Appliance with IDCIs, GFCIs or similar protective devices	No such appliance	N/A
72.10	Convenience receptacle of a hand-supported hair dryer immersion protective device	No such device	N/A
72.11	Hand-supported appliances with detachable power supply cords	No detachable power supply cords	N/A

## INSTRUCTION MANUALS

73	General		P
73.1	Instruction required to warns the operator of reasonably foreseeable uses or misuses	Suitable user manual provided	P
73.2	Safety instructions	Compliance checked	P
73.3	Instruction manual shall include instructions or illustrations to identify important parts	Included in user manual	P
73.4	The following items shall be included in instruction manual - IMPORTANT SAFETY INSTRUCTIONS -READING ALL INSTRUCTIONS BEFORE USING -KEEPING AWAY FROM WATER -SAVE THESE INSTRUCTIONS	Included in user manual	P
73.5	No substitutes shall be used for the words "WARNING" or "DANGER"	The words "WARNING" or "DANGER" were used	P
73.6	Wording in parentheses in Section 74-77 is explanatory, indicating options, alternatives or cross-references		P
74	Instructions Pertaining to a Risk of Fire, Electric Shock, or Injury to Persons		P

UL 859			
Clause	Requirement + Test	Result - Remark	Verdict
	Included in user manual, details see attached user manual IMPORTANT SAFETY INSTRUCTIONS SAVE THESE INSTRUCTIONS Letter size: Min. 4.5mm READ ALL INSTRUCTIONS BEFORE USING, KEEP AWAY FROM WATER Letter size: Min. 4.5mm Other safety sentence: 2.0mm		
75	Installation instructions		N/A
76	Operation Instructions		P
77	User-Maintenance Instructions		P
<b>ELECTRODE-TYPE APPLIANCES</b>			
Not such appliance			
<b>WALL-HUNG HAIR DRYERS</b>			
Not such appliance			
<b>SUPPLEMENT SA - HAIR DRYER ACCESSORIES</b>			
Not such appliance			

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Clause	Requirement + Test	Result - Remark	Verdict
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<b>2 TABLE: Critical components information</b>					
Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity <sup>1)</sup>
Plastic enclosure	SHENZHEN HALCYON NEW MATERIALS CO LTD	PET 301	V-0, 75°C, thickness min. 1.5mm	UL 94, UL 746 UL 859	UL
Internal wire	DONGGUAN TRIUMPHCABLE CO LTD	1007	22AWG, 80°C, VW-1, 300V	UL 758	UL
PCB	CHIAN YOU CO LTD	06V0	V-0, 130°C	UL 796, UL 94	UL
Li-ion battery	YLY	500940	3.7V, 230mAh, 0.851Wh	UL 2054	UL

Supplementary information:

<sup>1)</sup> Provided evidence ensures the agreed level of compliance. See OD-CB2039.

<b>43 Table: input Test</b>					P
Operating Condition		Supply Voltage	Current (A)	Wattage (W)	Marked Rating (A)
Normal operation		5.0V	0.18	--	0.2
Supplementary information:					

<b>44 Table: Normal Temperature Test</b>				P
Test voltage / Frequency		5.0V		--
Current / Input power		0.18A		--
Ambient Temperature		22.3°C		--
Ch.	Location		Temp. Rise (K)	Actual Temp. Rise Limit (K)
-	PCB		28.0	105
-	Battery surface		9.8	20
-	Plastic enclosure inside near PCB		26.0	Ref.
-	Plastic enclosure outside near PCB		20.2	65
-	Power button surface		6.9	65

<b>TABLE: Heating test, resistance method</b>					N/A
Test voltage (V) .....					--
Ambient, t1 (°C) .....					--
Ambient, t2 (°C) .....					--
Temperature of winding	R1 (Ω)	R2 (Ω)	T (°C)	Max, T (°C)	Insulation class
Supplementary information:					

<b>46 Table: Abnormal Operation Test</b>				P
Test voltage / Frequency		See below		--
Ambient Temperature		21.8°C		--
Short connected or Open?	Component	Observation		Result
Short-circuited	R1	Unit shut down immediately, no damage, no hazard.		P

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Clause	Requirement + Test	Result - Remark	Verdict
Short-circuited	D1	Unit shut down immediately, no damage, no hazard.	P
Short-circuited	C1	Unit shut down immediately, no damage, no hazard.	P
Supplementary information:			

**EUT PHOTOS**

Figure 1 overall view



Figure 2 general view



Figure 3 general view



Figure 4 port view



Figure 5 Internal view

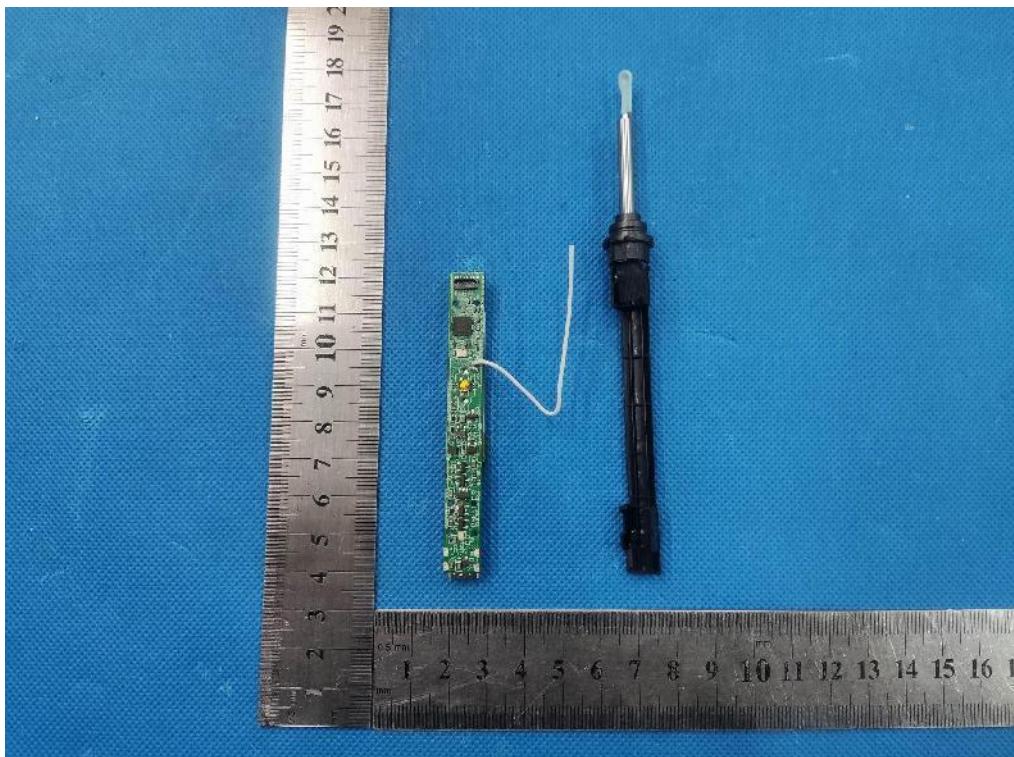


Figure 6 Internal view

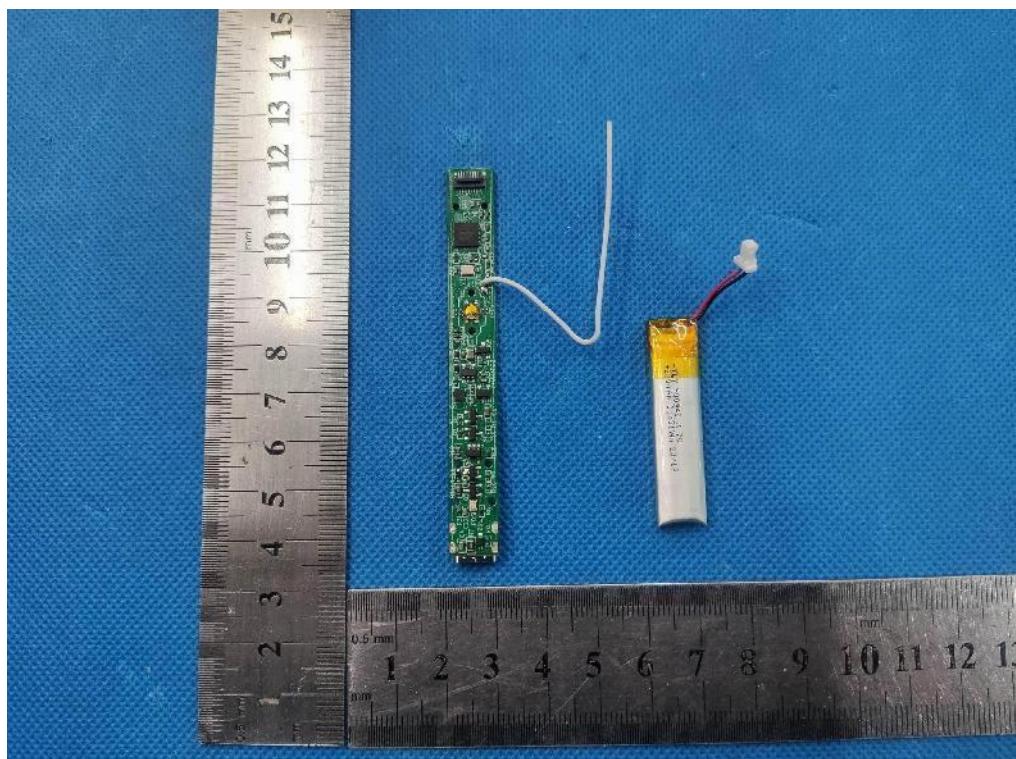


Figure 7 Internal view

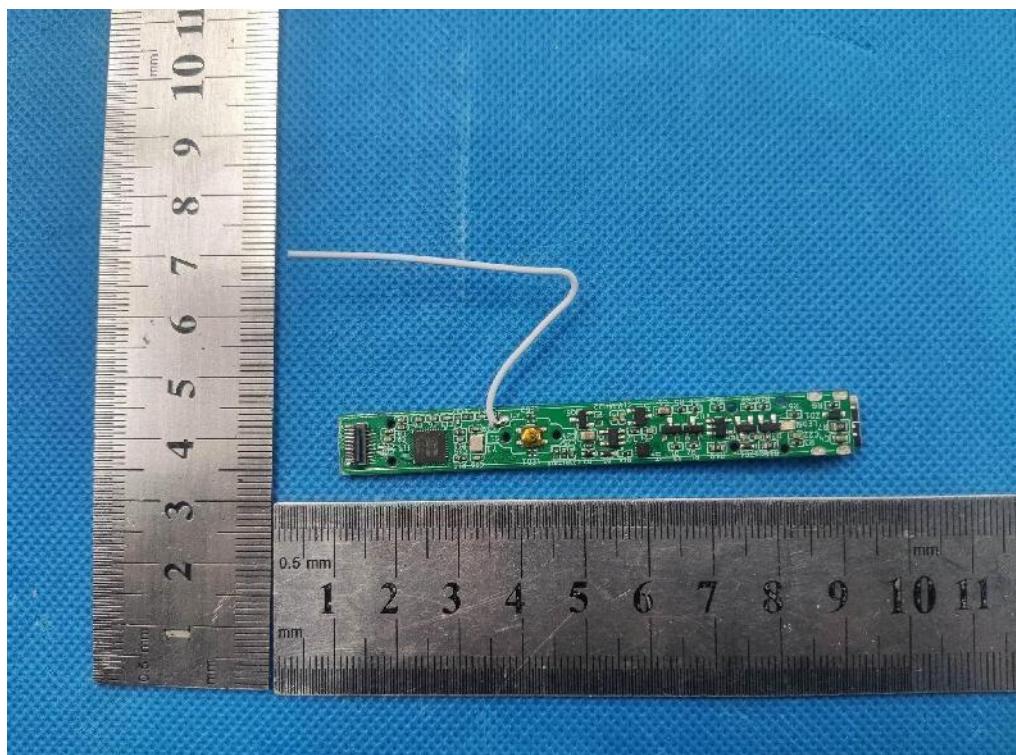


Figure 8 PCB top view

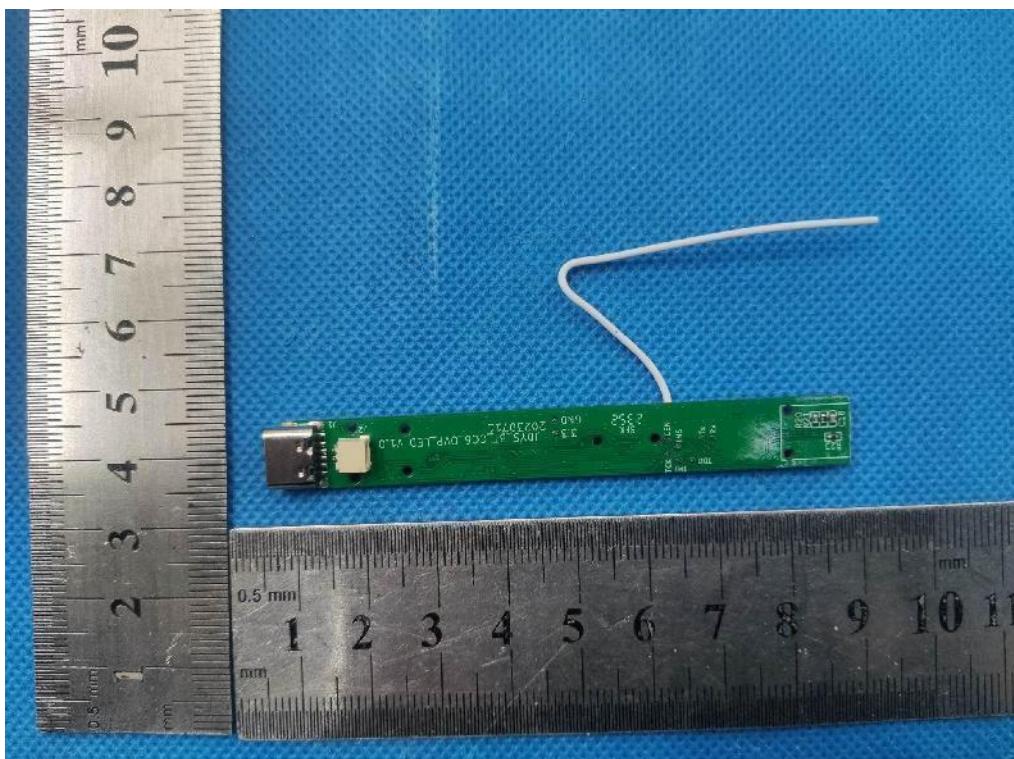


Figure 9 PCB bottom view

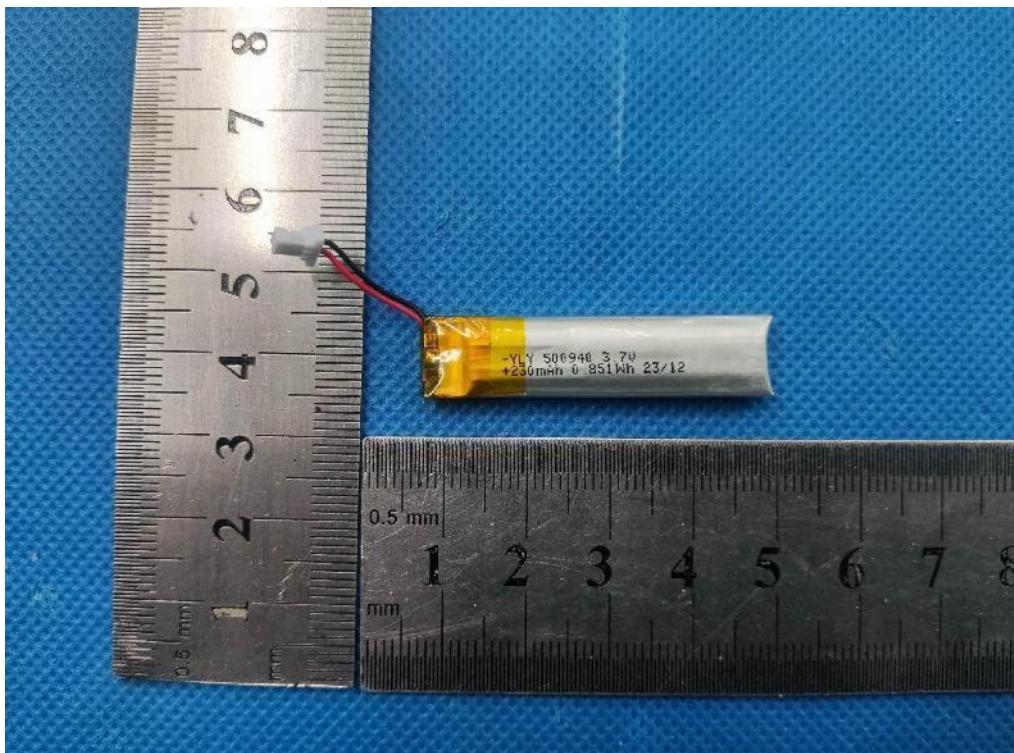


Figure 10 Battery view

\*\*\*\*\*End of Report\*\*\*\*\*