



Test Report issued under the responsibility of:

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Singapore



**TEST REPORT
IEC 62133-1**

**Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells, and for batteries made from them, for use in portable applications -
Part 1: Nickel systems**

Report Number. : 211-2822611616-000

Date of issue : 2026-09-24

Total number of pages : 31 pages

Name of CB Testing Laboratory preparing the Report : TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch

Applicant's name : Xinxiang Lingxin Power Supply Co., Ltd.

Address : Plant No. 2, East Road, 50 meters south of the intersection of North Ring Road and West Ring Road, Muye District, 453002 Xinxiang City, Henan Province, PEOPLE'S REPUBLIC OF CHINA

Test specification:

Standard : IEC 62133-1:2026

Test procedure : CB Scheme

Specific program, if applicable : ☐ CCP ☐ ACP

Non-standard test method : N/A

TRF template used : IECEE OD-2020-F1:2025, Ed.1.8

Test Report Form No. : IEC62133_1B

Test Report Form(s) Originator : TÜV Rheinland Japan Ltd.

Master TRF : Dated 2026-05-08

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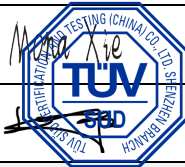
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This report is not valid as a CB Test Report unless signed by an approved IECEE Testing Laboratory and appended to an IECEE Certificate issued by an NCB in accordance with IECEE 02.

General disclaimer:

The test results presented in this report relate only to the object tested.

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Test item description	Sealed Rechargeable Ni-MH Cell	
Trademark(s)	N/A	
Manufacturer	Same as the applicant	
Model/Type reference	AA 100mAh, AA 150mAh, AA 200mAh, AA 250mAh, AA 300mAh, AA 400mAh, AA 500mAh, AA 600mAh, AA 800mAh, AA 1000mAh, AA 1200mAh, AA 1500mAh	
Ratings	1.2V, 100mAh for AA 100mAh, 150mAh for AA 150mAh, 200mAh for AA 200mAh, 250mAh for AA 250mAh, 300mAh for AA 300mAh, 400mAh for AA 400mAh, 500mAh for AA 500mAh, 600mAh for AA 600mAh, 800mAh for AA 800mAh, 1000mAh for AA 1000mAh, 1200mAh for AA 1200mAh, 1500mAh for AA 1500mAh	
Responsible Testing Laboratory (as applicable), testing procedure and testing location(s):		
☒ CB Testing Laboratory:	TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch	
Testing location/ address	Building 6, 12 & 13, Zhiheng Wisdomland Business Park, Guankou Erlu, Nantou, Nanshan District, Shenzhen, Guangdong 518052, China Building A2, Jin'ao Industrial Park, No. 150, Jingfang Road, Fuhai, Bao'an District, Shenzhen, Guangdong 518103, China	
Tested by (name, function, signature)	Mona Xie Project Handler	
Approved by (name, function, signature) ...:	Sean Pan Project Reviewer	
☐ Testing procedure: CTF Stage 1:		
Testing location/ address		
Tested by (name, function, signature)		
Approved by (name, function, signature) ...:		
☐ Testing procedure: CTF Stage 2:		
Testing location/ address		
Tested by (name + signature)		
Witnessed by (name, function, signature) ...:		
Approved by (name, function, signature) ...:		
☐ Testing procedure: CTF Stage 3:		
☐ Testing procedure: CTF Stage 4:		
Testing location/ address		
Tested by (name, function, signature)		
Witnessed by (name, function, signature) ...:		

Approved by (name, function, signature) ...:		
Supervised by (name, function, signature) :		

List of Attachments (including a total number of pages in each attachment):

Attachment No.1: 30 pages of Photo Documentation.

Summary of testing:**Tests performed (name of test, test clause and date test performed):**

Tests are made with the number of samples specified in Table 1 of IEC 62133-1:2026.

Clause 7.2.1 Continuous low rate charging(cells)

Clause 7.2.2 Vibration;

Clause 7.2.4 Temperature cycling;

Clause 7.3.1 Incorrect installation (cells);

Clause 7.3.2 External short circuit;

Clause 7.3.3 Free fall;

Clause 7.3.4 Mechanical shock (crash hazard);

Clause 7.3.5 Thermal abuse(cells);

Clause 7.3.6 Crush(cells);

Clause 7.3.7 Low pressure (cells);

Clause 7.3.8 Overcharge;

Clause 7.3.9 Forced discharge (cells)

Date test performed: 2026-08-10 to 2026-09-10

The samples comply with the requirements of IEC 62133-1:2026.

Testing location: (CBTL, SPTL, CTF, Subcontractor)

TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch

Address 1: Building 6, 12 & 13, Zhiheng Wisdomland Business Park, Guankou Erlu, Nantou, Nanshan District, Shenzhen, Guangdong 518052, China

Address 2: Building A2, Jin'ao Industrial Park, No. 150, Jingfang Road, Fuhai, Bao'an District, Shenzhen, Guangdong 518103, China

Summary of compliance with National Differences

- IEC EE Member countries that are also CENELEC members

Compliance with Group Differences evaluated ☐ yes ☐ No ☒ N/A

Comply with EN IEC 62133-1:2026.

- IEC EE Member countries with published National Differences which were evaluated and found in compliance: N/A

- IEC EE Member countries that declare no National Differences: N/A

To support compliance with published National Differences, attach a compilation of relevant ND and/or GD TRFs to the CB Test Report

Use of uncertainty of measurement for decisions on conformity (decision rule):

☒ No decision rule is specified by the IEC standard, when comparing the measurement result with the applicable limit according to the specification in that standard. The decisions on conformity are made without applying the measurement uncertainty ("simple acceptance" decision rule, previously known as "accuracy method").

☐ Other: ... (to be specified, for example when required by the standard or client, or if national accreditation requirements apply)

Information on uncertainty of measurement:

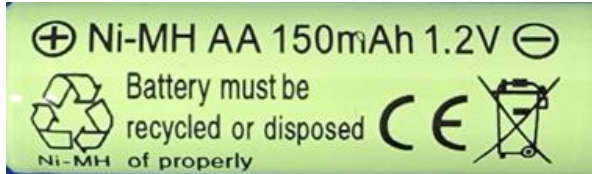
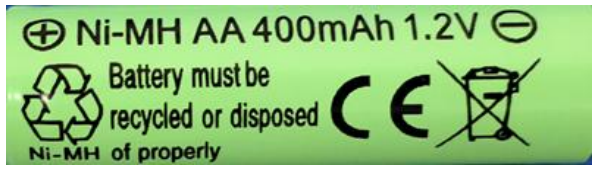
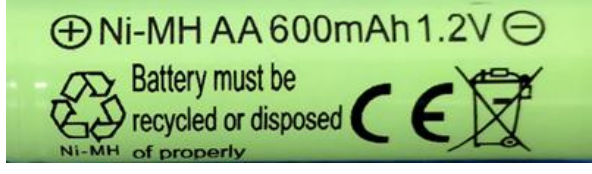
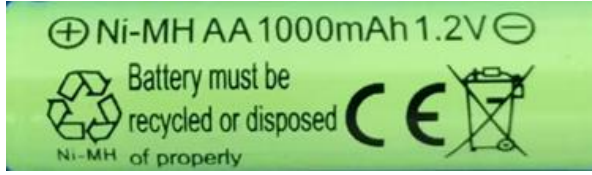
The uncertainties of measurement are calculated by the laboratory based on application of criteria given by OD-5014 for test equipment and application of test methods, decision sheets and operational procedures of IECEE.

IEC Guide 115 provides guidance on the application of measurement uncertainty principles and applying the decision rule when reporting test results within IECEE scheme, noting that the reporting of the measurement uncertainty for measurements is not necessary unless required by the test standard or customer.

Calculations leading to the reported values are on file with the NCB and testing laboratory that conducted the testing.

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.

Model 1: AA 100mAh 	Model 2: AA 150mAh 
Model 3: AA 200mAh 	Model 4: AA 250mAh 
Model 5: AA 300mAh 	Model 6: AA 400mAh 
Model 7: AA 500mAh 	Model 8: AA 600mAh 
Model 9: AA 800mAh 	Model 10: AA 1000mAh 
Model 11: AA 1200mAh 	Model 12: AA 1500mAh 

Remark:

According to Clause 9.1, by agreement between the cell manufacturer and the battery and/or end product manufacturer, component cells used in the manufacture of a battery need not be marked.

Test item particulars	
Classification of installation and use	Use in portable applications
Supply Connection	Supply by positive cap and negative can
Recommend charging method declared by the manufacturer.....	Charge at constant current 0.1ItA for 16h (See page 7)
Discharge current (0,2 It A)	See page 7
Specified final voltage	1.0V
Chemistry	nickel systems
Possible test case verdicts:	
- 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)	
Testing.....	
Date of receipt of test item	2026-08-10
Date (s) of performance of tests	2026-08-10 to 2026-09-10
General remarks:	
"(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 ☐ comma / ☒ point is used as the decimal separator. ☐ This Test Report Form contains requirements according to IEC/ISO Standard dated and includes Corrigendum dated <i>(Note: The sentence about standard/corrigendum maybe removed if not applicable)</i>	
Manufacturer's Declaration per sub-clause 4.2.5 of IECEE 02:	
The application for obtaining an IECEE Certificate includes more than one factory location and a declaration from the Manufacturer stating that the sample(s) submitted for evaluation is (are) representative of the products from each factory has been provided	☐ Yes ☒ Not applicable
When differences exist; they shall be identified in the General product information section.	
Name and address of factory (ies) Same as applicant	

General product information and other remarks:

1. The Sealed Rechargeable Ni-MH Cell, Models: AA 100mAh, AA 150mAh, AA 200mAh, AA 250mAh, AA 300mAh, AA 400mAh, AA 500mAh, AA 600mAh, AA 800mAh, AA 1000mAh, AA 1200mAh, AA 1500mAh are used in portable appliances.

2. The 12 models have the same dimensions, chemistry, voltage, from the same manufacturer, but different capacities.

3. Additionally, detailed information of the cell is as following:

Model	Rated capacity (mAh)	Nominal voltage (V)	Recommend charge current 0.1ItA (mA)	0.2ItA discharge current (mA)	Cut-Off Voltage (V)
AA 100mAh	100	1.2	10	20	1.0
AA 150mAh	150	1.2	15	30	1.0
AA 200mAh	200	1.2	20	40	1.0
AA 250mAh	250	1.2	25	50	1.0
AA 300mAh	300	1.2	30	60	1.0
AA 400mAh	400	1.2	40	80	1.0
AA 500mAh	500	1.2	50	100	1.0
AA 600mAh	600	1.2	60	120	1.0
AA 800mAh	800	1.2	80	160	1.0
AA 1000mAh	1000	1.2	100	200	1.0
AA 1200mAh	1200	1.2	120	240	1.0
AA 1500mAh	1500	1.2	150	300	1.0

Model	Max. charging current 1ItA (mA)	Diameter(mm)	Height (mm)	Weight (g)
AA 100mAh	100	14.2±0.15mm	50.0±0.2mm	9.3±0.15
AA 150mAh	150	14.2±0.15mm	50.0±0.2mm	9.9±0.15
AA 200mAh	200	14.2±0.15mm	50.0±0.2mm	10.5±0.15
AA 250mAh	250	14.2±0.15mm	50.0±0.2mm	12.1±0.15
AA 300mAh	300	14.2±0.15mm	50.0±0.2mm	12.4±0.15
AA 400mAh	400	14.2±0.15mm	50.0±0.2mm	12.9±0.15
AA 500mAh	500	14.2±0.15mm	50.0±0.2mm	14.8±0.15
AA 600mAh	600	14.2±0.15mm	50.0±0.2mm	16.2±0.15
AA 800mAh	800	14.2±0.15mm	50.0±0.2mm	18.5±0.15
AA 1000mAh	1000	14.2±0.15mm	50.0±0.2mm	20.0±0.15
AA 1200mAh	1200	14.2±0.15mm	50.0±0.2mm	22.1±0.15
AA 1500mAh	1500	14.2±0.15mm	50.0±0.2mm	23.9±0.15

Test procedures:

Recommend charging method declared by the manufacturer	Charge at constant current 0.1ItA for 16h
Fast charging method declared by the manufacturer	Charge at constant current 1ItA for 1.5h

Remark:

The final evaluation of the cell must be conducted in the end product for which the cell will be used.

IEC 62133-1			
Clause	Requirement + Test	Result - Remark	Verdict
4	Parameter measurement tolerances		P
	Parameter measurement tolerances		P
5	General safety considerations		P
5.1	General		P
5.2	Insulation and wiring		N/A
	The insulation resistance between the positive terminal and externally exposed metal surfaces of the battery (excluding electrical contact surfaces) is not less than 5 MΩ		N/A
	Insulation resistance (MΩ) :		—
	Internal wiring and insulation are sufficient to withstand maximum anticipated current, voltage and temperature requirements		N/A
	Orientation of wiring maintains adequate creepage and clearance distances between conductors		N/A
	Mechanical integrity of internal connections accommodates reasonably foreseeable misuse		N/A
5.3	Venting		P
	Battery cases and cells incorporate a pressure relief mechanism or are constructed so that they relieve excessive internal pressure at a value and rate that will preclude rupture, explosion and self-ignition		P
	Encapsulation used to support cells within an outer casing does not cause the battery to overheat during normal operation nor inhibit pressure relief		N/A
5.4	Temperature, voltage and current management		N/A
	Batteries are designed such that abnormal temperature-rise conditions are prevented		N/A
	Batteries are designed to be within temperature, voltage and current limits specified by the cell manufacturer		N/A
	Batteries are provided with specifications and charging instructions for equipment manufacturers so that associated chargers are designed to maintain charging within the temperature, voltage and current limits specified		N/A
5.5	Terminal contacts		P
	The size and shape of the terminal contacts ensure that they can carry the maximum anticipated current		P
	External terminal contact surfaces are formed from conductive materials with good mechanical strength and corrosion resistance		P
	Terminal contacts are arranged to minimize the risk of short circuits		P

IEC 62133-1			
Clause	Requirement + Test	Result - Remark	Verdict
5.6	Assembly of cells into batteries		N/A
	If there is more than one battery housed in a single battery case, cells used in the assembly of each battery have closely matched capacities, be of the same design, be of the same chemistry and be from the same manufacturer		N/A
	Battery has some type of safety device or feature for charging.		N/A
	Manufacturers of cells specify current, voltage and temperature limits so that the battery manufacturer /designer may ensure proper design and assembly		N/A
	Batteries that are designed for the selective discharge of a portion of their series connected cells incorporate circuitry to prevent operation of cells outside the limits specified by the cell manufacturer		N/A
	Protective circuit components are added as appropriate and consideration given to the end-device application		N/A
	When testing a battery, the manufacturer of the battery provides a test report confirming the compliance according to this document		N/A
5.7	Quality plan		P
	The manufacturer prepares and implements a quality plan that defines procedures for the inspection of materials, components, cells and batteries and which covers the whole process of producing each type of cell or battery		P
6	Type test and sample size		P
	Tests were made with the number of cells or batteries specified in Table 1 using cells or batteries that are not more than six months old		P
	Unless noted otherwise in the test methods, testing was conducted in an ambient of 20°C ± 5°C.		P
7	Specific requirements and tests		P
7.1	Charging procedure for test purposes		P
7.2	Intended use		P
7.2.1	Continuous low-rate charging (cells)		P
	Results: No fire. No explosion	(See Table 7.2.1)	P
7.2.2	Vibration		P
	Results: No fire. No explosion. No leakage	(See Table 7.2.2)	P
7.2.3	Case stress at high ambient temperature(batteries)		N/A
	Oven temperature (°C).....:		—

IEC 62133-1			
Clause	Requirement + Test	Result - Remark	Verdict
	Results: No physical distortion of the battery case resulting in exposure of internal protective components and cells		N/A
7.2.4	Temperature cycling		P
	Results: No fire. No explosion. No leakage.		P
7.3	Reasonably foreseeable misuse		P
7.3.1	Incorrect installation (cells)		P
	The test was carried out using: - Four fully charged cells of the same brand, type, size and age connected in series, with one of them reversed; or		P
	- A stabilized dc power supply.		N/A
	Results: No fire. No explosion..... :	(See Table 7.3.1)	P
7.3.2	External short circuit		P
	The cells or batteries were tested until one of the following occurred: - 24 hours elapsed; or		N/A
	- The case temperature declined by 20% of the maximum temperature rise		P
	Results: No fire. No explosion..... :	(See Table 7.3.2)	P
7.3.3	Free fall		P
	Results: No fire. No explosion.		P
7.3.4	Mechanical shock (crash hazard)		P
	Results: No fire. No explosion. No leakage.		P
7.3.5	Thermal abuse (cells)		P
	Oven temperature (°C)..... :	130°C ±2°C	—
	Results: No fire. No explosion.		P
7.3.6	Crush (cells)		P
	The crushing force was released upon: - The maximum force of 13 kN ± 0.78 kN has been applied; or		P
	- An abrupt voltage drop of one-third of the original voltage has been obtained		N/A
	The cell is prismatic type and a second set of samples was tested, rotated 90° around longitudinal axis compared to the first set		N/A
	Results: No fire. No explosion..... :	(See Table 7.3.6)	P
7.3.7	Low pressure (cells)		P
	Chamber pressure (kPa)..... :	11.6 kPa	—
	Results: No fire. No explosion. No leakage.		P
7.3.8	Overcharge		P

IEC 62133-1			
Clause	Requirement + Test	Result - Remark	Verdict
	Results: No fire. No explosion..... :	(See Table 7.3.8)	P
7.3.9	Forced discharge (cells)		P
	Results: No fire. No explosion..... :	(See Table 7.3.9)	P

8	Information for safety		P
8.1	General		P
	The manufacturer of secondary cells ensures that information is provided about current, voltage and temperature limits of their products.		P
	The manufacturer of batteries ensures that equipment manufacturers and, in the case of direct sales, end-users are provided with information to minimize and mitigate hazards.		N/A
	Systems analyses performed by device manufacturers to ensure that a particular battery design prevents hazards from occurring during use of a product		N/A
	As appropriate, information relating to hazard avoidance resulting from a system analysis is provided to the end user		N/A
	Guidance is provided in IEC TR 62188 on the design are provided for information in Annex A and Annex B.		P
8.2	Small cell and battery safety information		N/A
	The following warning language is to be provided with the information packaged with the small cells and batteries or equipment using them:		N/A
	-Keep small cells and batteries which are considered swallowable out of the reach of children.		N/A
	-Swallowing may lead to burns, perforation of soft tissue, and death. Severe burns can occur within 2h of ingestion.		N/A
	-In case of ingestion of a cell or battery, seek medical assistance promptly.		N/A

9	Marking		P
9.1	Cell marking		P
	Cells marked as specified in the applicable cell standards: IEC 61951-1 or IEC 61951-2.		N/A
	By agreement between the cell manufacturer and the battery and/or end product manufacturer, component cells used in the manufacture of a battery need not be marked.		P
	However, cell marking can be indicated with the battery, the instructions and/or the specifications.		N/A

IEC 62133-1			
Clause	Requirement + Test	Result - Remark	Verdict
9.2	Battery marking		N/A
	Batteries marked as specified in the applicable cell standards: IEC 61951-1 or IEC 61951-2.		N/A
	Batteries marked with an appropriate caution statement.		N/A
	Terminals have clear polarity marking on the external surface of the battery.		N/A
	Batteries with keyed external connector need not be marked with polarity markings if the design of the external connector prevents reverse polarity connections		N/A
9.3	Caution for ingestion of small cells and batteries		N/A
	Small cells and batteries determined to be small are including a caution statement regarding the hazards of ingestion in accordance with 8.2.		N/A
	Small cells and batteries are intended for direct sale in consumer-replaceable applications, caution for ingestion are given on the immediate package.		N/A
9.4	Other information		N/A
	Storage and disposal instructions marked on or supplied with the battery.		N/A
	Recommended charging instructions marked on or supplied with the battery.		N/A

10	Packaging		N/A
	Packaging for button cells are not be small enough to fit within the limits of the ingestion gauge of Figure 2		N/A
	Annex C for information regarding packaging		N/A

Annex A (informative)	Recommendations to equipment manufacturers and battery assemblers	P
Annex B (informative)	Recommendations to the end-users	N/A
Annex C (informative)	Packaging	N/A

IEC 62133-1			
Clause	Requirement + Test	Result - Remark	Verdict

7.2.1	TABLE: Continuous low rate charge (cells)					P
Model	Recommended charging method, (CC, CV, or CC/CV)	Recommended charging voltage V_c , (Vdc)	Recommended charging current I_{rec} , (A)	OCV at start of test, (Vdc)	Results	
AA 100mAh	CC	-	0.01	1.375	A	
AA 100mAh	CC	-	0.01	1.380	A	
AA 100mAh	CC	-	0.01	1.378	A	
AA 100mAh	CC	-	0.01	1.379	A	
AA 100mAh	CC	-	0.01	1.374	A	
AA 150mAh	CC	-	0.015	1.377	A	
AA 150mAh	CC	-	0.015	1.375	A	
AA 150mAh	CC	-	0.015	1.379	A	
AA 150mAh	CC	-	0.015	1.370	A	
AA 150mAh	CC	-	0.015	1.372	A	
AA 200mAh	CC	-	0.02	1.372	A	
AA 200mAh	CC	-	0.02	1.375	A	
AA 200mAh	CC	-	0.02	1.369	A	
AA 200mAh	CC	-	0.02	1.372	A	
AA 200mAh	CC	-	0.02	1.376	A	
AA 250mAh	CC	-	0.025	1.372	A	
AA 250mAh	CC	-	0.025	1.375	A	
AA 250mAh	CC	-	0.025	1.379	A	
AA 250mAh	CC	-	0.025	1.377	A	
AA 250mAh	CC	-	0.025	1.381	A	
AA 300mAh	CC	-	0.03	1.421	A	
AA 300mAh	CC	-	0.03	1.424	A	
AA 300mAh	CC	-	0.03	1.426	A	
AA 300mAh	CC	-	0.03	1.425	A	
AA 300mAh	CC	-	0.03	1.422	A	
AA 400mAh	CC	-	0.04	1.415	A	
AA 400mAh	CC	-	0.04	1.403	A	
AA 400mAh	CC	-	0.04	1.407	A	
AA 400mAh	CC	-	0.04	1.412	A	
AA 400mAh	CC	-	0.04	1.406	A	
AA 500mAh	CC	-	0.05	1.421	A	
AA 500mAh	CC	-	0.05	1.422	A	

IEC 62133-1					
Clause	Requirement + Test			Result - Remark	Verdict
AA 500mAh	CC	-	0.05	1.421	A
AA 500mAh	CC	-	0.05	1.424	A
AA 500mAh	CC	-	0.05	1.423	A
AA 600mAh	CC	-	0.06	1.422	A
AA 600mAh	CC	-	0.06	1.424	A
AA 600mAh	CC	-	0.06	1.423	A
AA 600mAh	CC	-	0.06	1.423	A
AA 600mAh	CC	-	0.06	1.421	A
AA 800mAh	CC	-	0.08	1.424	A
AA 800mAh	CC	-	0.08	1.423	A
AA 800mAh	CC	-	0.08	1.422	A
AA 800mAh	CC	-	0.08	1.423	A
AA 800mAh	CC	-	0.08	1.422	A
AA 1000mAh	CC	-	0.1	1.373	A
AA 1000mAh	CC	-	0.1	1.376	A
AA 1000mAh	CC	-	0.1	1.374	A
AA 1000mAh	CC	-	0.1	1.376	A
AA 1000mAh	CC	-	0.1	1.377	A
AA 1200mAh	CC	-	0.12	1.420	A
AA 1200mAh	CC	-	0.12	1.425	A
AA 1200mAh	CC	-	0.12	1.426	A
AA 1200mAh	CC	-	0.12	1.425	A
AA 1200mAh	CC	-	0.12	1.422	A
AA 1500mAh	CC	-	0.15	1.428	A
AA 1500mAh	CC	-	0.15	1.428	A
AA 1500mAh	CC	-	0.15	1.429	A
AA 1500mAh	CC	-	0.15	1.427	A
AA 1500mAh	CC	-	0.15	1.426	A
Supplementary information: A- No fire or explosion B- No leakage C- Leakage D- Fire E- Explosion F- Bulge G- Others (please explain)					

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Clause	Requirement + Test	Result - Remark	Verdict
7.2.2	TABLE: Vibration		P
Model	OCV at start of test, (Vdc)	Results	
AA 100mAh	1.372	A, B	
AA 100mAh	1.380	A, B	
AA 100mAh	1.378	A, B	
AA 100mAh	1.375	A, B	
AA 100mAh	1.377	A, B	
AA 150mAh	1.374	A, B	
AA 150mAh	1.379	A, B	
AA 150mAh	1.369	A, B	
AA 150mAh	1.372	A, B	
AA 150mAh	1.375	A, B	
AA 200mAh	1.370	A, B	
AA 200mAh	1.372	A, B	
AA 200mAh	1.375	A, B	
AA 200mAh	1.368	A, B	
AA 200mAh	1.374	A, B	
AA 250mAh	1.368	A, B	
AA 250mAh	1.380	A, B	
AA 250mAh	1.375	A, B	
AA 250mAh	1.379	A, B	
AA 250mAh	1.372	A, B	
AA 300mAh	1.421	A, B	
AA 300mAh	1.424	A, B	
AA 300mAh	1.422	A, B	
AA 300mAh	1.422	A, B	
AA 300mAh	1.421	A, B	
AA 400mAh	1.402	A, B	
AA 400mAh	1.411	A, B	
AA 400mAh	1.416	A, B	
AA 400mAh	1.423	A, B	
AA 400mAh	1.411	A, B	
AA 500mAh	1.411	A, B	
AA 500mAh	1.413	A, B	
AA 500mAh	1.418	A, B	
AA 500mAh	1.420	A, B	

IEC 62133-1			
Clause	Requirement + Test	Result - Remark	Verdict
AA 500mAh	1.419	A, B	
AA 600mAh	1.423	A, B	
AA 600mAh	1.424	A, B	
AA 600mAh	1.424	A, B	
AA 600mAh	1.428	A, B	
AA 600mAh	1.422	A, B	
AA 800mAh	1.422	A, B	
AA 800mAh	1.420	A, B	
AA 800mAh	1.424	A, B	
AA 800mAh	1.423	A, B	
AA 800mAh	1.421	A, B	
AA 1000mAh	1.375	A, B	
AA 1000mAh	1.378	A, B	
AA 1000mAh	1.375	A, B	
AA 1000mAh	1.372	A, B	
AA 1000mAh	1.374	A, B	
AA 1200mAh	1.420	A, B	
AA 1200mAh	1.428	A, B	
AA 1200mAh	1.421	A, B	
AA 1200mAh	1.426	A, B	
AA 1200mAh	1.422	A, B	
AA 1500mAh	1.425	A, B	
AA 1500mAh	1.423	A, B	
AA 1500mAh	1.425	A, B	
AA 1500mAh	1.426	A, B	
AA 1500mAh	1.428	A, B	
Supplementary information: A- No fire or explosion B- No leakage C- Leakage D- Fire E- Explosion F- Bulge G- Others (please explain)			

IEC 62133-1			
Clause	Requirement + Test	Result - Remark	Verdict
7.3.1	TABLE: Incorrect installation (cells)		P
Model	OCV of reversed cell, (Vdc)	Results	
AA 100mAh	1.374	A	
AA 100mAh	1.378	A	
AA 100mAh	1.380	A	
AA 100mAh	1.379	A	
AA 100mAh	1.372	A	
AA 150mAh	1.376	A	
AA 150mAh	1.369	A	
AA 150mAh	1.377	A	
AA 150mAh	1.378	A	
AA 150mAh	1.371	A	
AA 200mAh	1.371	A	
AA 200mAh	1.375	A	
AA 200mAh	1.372	A	
AA 200mAh	1.369	A	
AA 200mAh	1.374	A	
AA 250mAh	1.372	A	
AA 250mAh	1.378	A	
AA 250mAh	1.382	A	
AA 250mAh	1.375	A	
AA 250mAh	1.377	A	
AA 300mAh	1.422	A	
AA 300mAh	1.424	A	
AA 300mAh	1.422	A	
AA 300mAh	1.421	A	
AA 300mAh	1.423	A	
AA 400mAh	1.412	A	
AA 400mAh	1.402	A	
AA 400mAh	1.406	A	
AA 400mAh	1.411	A	
AA 400mAh	1.402	A	
AA 500mAh	1.411	A	
AA 500mAh	1.412	A	
AA 500mAh	1.414	A	
AA 500mAh	1.419	A	

IEC 62133-1			
Clause	Requirement + Test	Result - Remark	Verdict
AA 500mAh	1.422	A	
AA 600mAh	1.423	A	
AA 600mAh	1.424	A	
AA 600mAh	1.422	A	
AA 600mAh	1.427	A	
AA 600mAh	1.421	A	
AA 800mAh	1.421	A	
AA 800mAh	1.425	A	
AA 800mAh	1.426	A	
AA 800mAh	1.425	A	
AA 800mAh	1.421	A	
AA 1000mAh	1.372	A	
AA 1000mAh	1.375	A	
AA 1000mAh	1.370	A	
AA 1000mAh	1.375	A	
AA 1000mAh	1.377	A	
AA 1200mAh	1.426	A	
AA 1200mAh	1.423	A	
AA 1200mAh	1.420	A	
AA 1200mAh	1.422	A	
AA 1200mAh	1.419	A	
AA 1500mAh	1.426	A	
AA 1500mAh	1.422	A	
AA 1500mAh	1.420	A	
AA 1500mAh	1.429	A	
AA 1500mAh	1.425	A	
Supplementary information: A- No fire or explosion B- No leakage C- Leakage D- Fire E- Explosion F- Bulge G- Others (please explain)			

IEC 62133-1					
Clause	Requirement + Test			Result - Remark	Verdict
7.3.2	TABLE: External short circuit (cells)				P
Model	Ambient (at 20°C ± 5°C or 55°C ± 5°C)	OCV at start of test, (Vdc)	Resistance of circuit, (Ω)	Maximum case temperature rise ΔT, (°C)	Results
AA 100mAh	22.4	1.380	0.085	16.3	A
AA 100mAh	22.4	1.375	0.087	18.3	A
AA 100mAh	22.4	1.378	0.082	13.2	A
AA 100mAh	22.4	1.379	0.081	15.1	A
AA 100mAh	22.4	1.369	0.084	15.9	A
AA 100mAh	56.3	1.372	0.085	13.9	A
AA 100mAh	56.3	1.383	0.087	15.7	A
AA 100mAh	56.3	1.381	0.082	13.8	A
AA 100mAh	56.3	1.377	0.086	15.4	A
AA 100mAh	56.3	1.372	0.089	17.9	A
AA 150mAh	22.7	1.372	0.085	10.6	A
AA 150mAh	22.7	1.369	0.083	14.2	A
AA 150mAh	22.7	1.377	0.082	13.2	A
AA 150mAh	22.7	1.375	0.085	13.9	A
AA 150mAh	22.7	1.372	0.084	12.9	A
AA 150mAh	56.6	1.368	0.089	14.4	A
AA 150mAh	56.6	1.379	0.085	18.3	A
AA 150mAh	56.6	1.375	0.083	17.7	A
AA 150mAh	56.6	1.374	0.086	16.6	A
AA 150mAh	56.6	1.377	0.080	18.3	A
AA 200mAh	22.5	1.369	0.086	18.3	A
AA 200mAh	22.5	1.370	0.084	19.4	A
AA 200mAh	22.5	1.374	0.089	13.5	A
AA 200mAh	22.5	1.371	0.081	14.2	A
AA 200mAh	22.5	1.376	0.083	13.2	A
AA 200mAh	56.2	1.370	0.087	17.0	A
AA 200mAh	56.2	1.374	0.085	21.4	A
AA 200mAh	56.2	1.368	0.086	23.4	A
AA 200mAh	56.2	1.372	0.081	22.2	A
AA 200mAh	56.2	1.373	0.080	23.7	A
AA 250mAh	22.4	1.371	0.088	22.8	A
AA 250mAh	22.4	1.382	0.081	28.0	A
AA 250mAh	22.4	1.377	0.083	32.7	A

IEC 62133-1					
Clause	Requirement + Test			Result - Remark	Verdict
AA 250mAh	22.4	1.378	0.084	31.4	A
AA 250mAh	22.4	1.370	0.085	30.9	A
AA 250mAh	56.4	1.369	0.088	22.4	A
AA 250mAh	56.4	1.377	0.087	22.6	A
AA 250mAh	56.4	1.380	0.086	23.3	A
AA 250mAh	56.4	1.373	0.084	23.1	A
AA 250mAh	56.4	1.369	0.080	18.5	A
AA 300mAh	20.2	1.421	0.083	40.3	A
AA 300mAh	20.2	1.422	0.085	42.0	A
AA 300mAh	20.2	1.423	0.086	38.8	A
AA 300mAh	20.2	1.424	0.082	40.2	A
AA 300mAh	20.2	1.424	0.085	40.4	A
AA 300mAh	55.0	1.422	0.087	24.8	A
AA 300mAh	55.0	1.423	0.084	24.8	A
AA 300mAh	55.0	1.426	0.087	21.0	A
AA 300mAh	55.0	1.424	0.088	23.2	A
AA 300mAh	55.0	1.422	0.082	25.0	A
AA 400mAh	19.2	1.376	0.081	58.1	A
AA 400mAh	19.2	1.370	0.082	57.4	A
AA 400mAh	19.2	1.372	0.080	59.1	A
AA 400mAh	19.2	1.376	0.082	57.5	A
AA 400mAh	19.2	1.376	0.085	57.5	A
AA 400mAh	55.4	1.378	0.085	21.9	A
AA 400mAh	55.4	1.374	0.083	21.0	A
AA 400mAh	55.4	1.376	0.085	22.9	A
AA 400mAh	55.4	1.370	0.084	21.3	A
AA 400mAh	55.4	1.373	0.082	21.3	A
AA 500mAh	21.3	1.422	0.083	40.2	A
AA 500mAh	21.3	1.421	0.084	41.2	A
AA 500mAh	21.3	1.421	0.086	38.7	A
AA 500mAh	21.3	1.422	0.082	37.3	A
AA 500mAh	21.3	1.423	0.088	42.4	A
AA 500mAh	55.3	1.426	0.084	25.1	A
AA 500mAh	55.3	1.421	0.082	24.6	A
AA 500mAh	55.3	1.422	0.086	25.5	A
AA 500mAh	55.3	1.424	0.087	23.9	A

IEC 62133-1					
Clause	Requirement + Test			Result - Remark	Verdict
AA 500mAh	55.3	1.424	0.088	26.9	A
AA 600mAh	20.2	1.425	0.086	32.6	A
AA 600mAh	20.2	1.429	0.080	38.3	A
AA 600mAh	20.2	1.421	0.083	33.6	A
AA 600mAh	20.2	1.420	0.084	34.5	A
AA 600mAh	20.2	1.426	0.081	36.7	A
AA 600mAh	55.8	1.428	0.086	24.2	A
AA 600mAh	55.8	1.420	0.087	19.2	A
AA 600mAh	55.8	1.426	0.083	23.3	A
AA 600mAh	55.8	1.428	0.086	19.9	A
AA 600mAh	55.8	1.424	0.084	22.0	A
AA 800mAh	22.2	1.425	0.086	37.6	A
AA 800mAh	22.2	1.423	0.088	39.6	A
AA 800mAh	22.2	1.421	0.085	43.4	A
AA 800mAh	22.2	1.422	0.086	38.4	A
AA 800mAh	22.2	1.421	0.083	40.9	A
AA 800mAh	56.5	1.423	0.084	12.7	A
AA 800mAh	56.5	1.422	0.080	34.4	A
AA 800mAh	56.5	1.423	0.081	13.3	A
AA 800mAh	56.5	1.425	0.083	24.4	A
AA 800mAh	56.5	1.421	0.086	23.6	A
AA 1000mAh	22.7	1.376	0.081	40.1	A
AA 1000mAh	22.7	1.370	0.082	56.4	A
AA 1000mAh	22.7	1.372	0.080	54.7	A
AA 1000mAh	22.7	1.376	0.082	55.0	A
AA 1000mAh	22.7	1.376	0.085	55.0	A
AA 1000mAh	56.5	1.378	0.085	29.9	A
AA 1000mAh	56.5	1.374	0.083	34.9	A
AA 1000mAh	56.5	1.376	0.085	22.9	A
AA 1000mAh	56.5	1.370	0.084	25.2	A
AA 1000mAh	56.5	1.373	0.082	32.9	A
AA 1200mAh	22.7	1.425	0.080	37.0	A
AA 1200mAh	22.7	1.428	0.082	37.6	A
AA 1200mAh	22.7	1.421	0.082	36.2	A
AA 1200mAh	22.7	1.426	0.086	36.5	A
AA 1200mAh	22.7	1.422	0.084	34.7	A

IEC 62133-1					
Clause	Requirement + Test			Result - Remark	Verdict
AA 1200mAh	55.5	1.423	0.088	39.7	A
AA 1200mAh	55.5	1.425	0.085	33.9	A
AA 1200mAh	55.5	1.426	0.086	35.0	A
AA 1200mAh	55.5	1.427	0.082	33.7	A
AA 1200mAh	55.5	1.428	0.083	41.4	A
AA 1500mAh	22.9	1.425	0.086	50.4	A
AA 1500mAh	22.9	1.429	0.080	50.6	A
AA 1500mAh	22.9	1.421	0.083	49.4	A
AA 1500mAh	22.9	1.420	0.084	48.0	A
AA 1500mAh	22.9	1.426	0.081	43.6	A
AA 1500mAh	55.5	1.428	0.086	55.6	A
AA 1500mAh	55.5	1.420	0.087	47.6	A
AA 1500mAh	55.5	1.426	0.083	59.7	A
AA 1500mAh	55.5	1.428	0.086	60.6	A
AA 1500mAh	55.5	1.424	0.084	56.5	A
Supplementary information: A- No fire or explosion B- No leakage C- Leakage D- Fire E- Explosion F- Bulge G- Others (please explain)					

IEC 62133-1					
Clause	Requirement + Test			Result - Remark	Verdict
7.3.2	TABLE: External short circuit (batteries)				N/A
Model	Ambient (at 20°C ± 5°C or 55°C ± 5°C)	OCV at start of test, (Vdc)	Resistance of circuit, (Ω)	Maximum case temperature rise ΔT, (°C)	Results
Supplementary information: A- No fire or explosion B- No leakage C- Leakage D- Fire E- Explosion F- Bulge G- Others (please explain)					

7.3.6	TABLE: Crush			P
Model	OCV at start of test, (Vdc)	OCV at removal of crushing force, (Vdc)	Results	
AA 100mAh	1.375	1.284	A	
AA 100mAh	1.369	1.129	A	
AA 100mAh	1.382	1.245	A	
AA 100mAh	1.383	1.092	A	
AA 100mAh	1.380	1.217	A	
AA 150mAh	1.374	1.264	A	
AA 150mAh	1.376	1.176	A	
AA 150mAh	1.377	1.224	A	
AA 150mAh	1.370	1.170	A	
AA 150mAh	1.369	1.139	A	
AA 200mAh	1.372	1.265	A	
AA 200mAh	1.369	1.125	A	
AA 200mAh	1.375	1.231	A	

IEC 62133-1			
Clause	Requirement + Test	Result - Remark	Verdict
AA 200mAh	1.370	1.095	A
AA 200mAh	1.368	1.142	A
AA 250mAh	1.382	1.195	A
AA 250mAh	1.376	1.205	A
AA 250mAh	1.380	1.156	A
AA 250mAh	1.372	1.232	A
AA 250mAh	1.378	1.154	A
AA 300mAh	1.423	1.277	A
AA 300mAh	1.424	1.268	A
AA 300mAh	1.422	1.252	A
AA 300mAh	1.426	1.249	A
AA 300mAh	1.422	1.266	A
AA 400mAh	1.402	1.221	A
AA 400mAh	1.406	1.246	A
AA 400mAh	1.408	1.191	A
AA 400mAh	1.411	1.253	A
AA 400mAh	1.413	1.182	A
AA 500mAh	1.422	1.242	A
AA 500mAh	1.422	1.261	A
AA 500mAh	1.421	1.190	A
AA 500mAh	1.421	1.208	A
AA 500mAh	1.424	1.211	A
AA 600mAh	1.421	1.283	A
AA 600mAh	1.422	1.292	A
AA 600mAh	1.420	1.284	A
AA 600mAh	1.419	1.279	A
AA 600mAh	1.421	1.268	A
AA 800mAh	1.424	1.281	A
AA 800mAh	1.422	1.274	A
AA 800mAh	1.422	1.268	A
AA 800mAh	1.421	1.258	A
AA 800mAh	1.423	1.289	A
AA 1000mAh	1.371	1.168	A
AA 1000mAh	1.376	1.178	A
AA 1000mAh	1.372	1.245	A
AA 1000mAh	1.375	1.156	A

IEC 62133-1			
Clause	Requirement + Test	Result - Remark	Verdict
AA 1000mAh	1.374	1.145	A
AA 1200mAh	1.421	1.211	A
AA 1200mAh	1.425	1.256	A
AA 1200mAh	1.425	1.257	A
AA 1200mAh	1.426	1.248	A
AA 1200mAh	1.421	1.269	A
AA 1500mAh	1.425	1.256	A
AA 1500mAh	1.428	1.278	A
AA 1500mAh	1.429	1.356	A
AA 1500mAh	1.423	1.282	A
AA 1500mAh	1.425	1.254	A
Supplementary information: A- No fire or explosion B- No leakage C- Leakage D- Fire E- Explosion F- Bulge G- Others (please explain)			

IEC 62133-1				
Clause	Requirement + Test		Result - Remark	Verdict
7.3.8	TABLE: Overcharge (cells)			P
Model	OCV prior to charging, (Vdc)	Maximum charge current, (A)	Time for charging, (hours)	Results
AA 100mAh	1.216	0.25	1	A
AA 100mAh	1.211	0.25	1	A
AA 100mAh	1.217	0.25	1	A
AA 100mAh	1.209	0.25	1	A
AA 100mAh	1.215	0.25	1	A
AA 150mAh	1.218	0.375	1	A
AA 150mAh	1.220	0.375	1	A
AA 150mAh	1.224	0.375	1	A
AA 150mAh	1.219	0.375	1	A
AA 150mAh	1.217	0.375	1	A
AA 200mAh	1.220	0.5	1	A
AA 200mAh	1.225	0.5	1	A
AA 200mAh	1.227	0.5	1	A
AA 200mAh	1.223	0.5	1	A
AA 200mAh	1.221	0.5	1	A
AA 250mAh	1.225	0.625	1	A
AA 250mAh	1.223	0.625	1	A
AA 250mAh	1.227	0.625	1	A
AA 250mAh	1.229	0.625	1	A
AA 250mAh	1.226	0.625	1	A
AA 300mAh	1.271	0.75	1	A
AA 300mAh	1.275	0.75	1	A
AA 300mAh	1.264	0.75	1	A
AA 300mAh	1.272	0.75	1	A
AA 300mAh	1.272	0.75	1	A
AA 400mAh	1.217	1.0	1	A
AA 400mAh	1.214	1.0	1	A
AA 400mAh	1.215	1.0	1	A
AA 400mAh	1.219	1.0	1	A
AA 400mAh	1.212	1.0	1	A
AA 500mAh	1.215	1.25	1	A
AA 500mAh	1.211	1.25	1	A
AA 500mAh	1.209	1.25	1	A
AA 500mAh	1.218	1.25	1	A

IEC 62133-1				
Clause	Requirement + Test		Result - Remark	Verdict
AA 500mAh	1.219	1.25	1	A
AA 600mAh	1.206	1.5	1	A
AA 600mAh	1.208	1.5	1	A
AA 600mAh	1.211	1.5	1	A
AA 600mAh	1.216	1.5	1	A
AA 600mAh	1.205	1.5	1	A
AA 800mAh	1.270	2.0	1	A
AA 800mAh	1.271	2.0	1	A
AA 800mAh	1.265	2.0	1	A
AA 800mAh	1.275	2.0	1	A
AA 800mAh	1.272	2.0	1	A
AA 1000mAh	1.211	2.5	1	A
AA 1000mAh	1.210	2.5	1	A
AA 1000mAh	1.213	2.5	1	A
AA 1000mAh	1.217	2.5	1	A
AA 1000mAh	1.219	2.5	1	A
AA 1200mAh	1.183	3.0	1	A
AA 1200mAh	1.180	3.0	1	A
AA 1200mAh	1.184	3.0	1	A
AA 1200mAh	1.186	3.0	1	A
AA 1200mAh	1.182	3.0	1	A
AA 1500mAh	1.180	3.75	1	A
AA 1500mAh	1.175	3.75	1	A
AA 1500mAh	1.176	3.75	1	A
AA 1500mAh	1.182	3.75	1	A
AA 1500mAh	1.189	3.75	1	A
Supplementary information: A- No fire or explosion B- No leakage C- Leakage D- Fire E- Explosion F- Bulge G- Others (please explain)				

IEC 62133-1				
Clause	Requirement + Test		Result - Remark	Verdict
7.3.8	TABLE: Overcharge (batteries)			N/A
Model	OCV prior to charging, (Vdc)	Maximum charge current, (A)	Time for charging, (hours)	Results
Supplementary information: A- No fire or explosion B- No leakage C- Leakage D- Fire E- Explosion F- Bulge G- Others (please explain)				

IEC 62133-1				
Clause	Requirement + Test		Result - Remark	Verdict
7.3.9	TABLE: Forced discharge (cells)			P
Model	OCV before application of reverse charge, (Vdc)	Measured reverse charge I_t , (A)	Time for reversed charge, (minutes)	Results
AA 100mAh	1.208	0.1	90	A
AA 100mAh	1.215	0.1	90	A
AA 100mAh	1.217	0.1	90	A
AA 100mAh	1.211	0.1	90	A
AA 100mAh	1.213	0.1	90	A
AA 150mAh	1.218	0.15	90	A
AA 150mAh	1.221	0.15	90	A
AA 150mAh	1.224	0.15	90	A
AA 150mAh	1.220	0.15	90	A
AA 150mAh	1.222	0.15	90	A
AA 200mAh	1.204	0.2	90	A
AA 200mAh	1.201	0.2	90	A
AA 200mAh	1.207	0.2	90	A
AA 200mAh	1.205	0.2	90	A
AA 200mAh	1.203	0.2	90	A
AA 250mAh	1.225	0.25	90	A
AA 250mAh	1.229	0.25	90	A
AA 250mAh	1.222	0.25	90	A
AA 250mAh	1.226	0.25	90	A
AA 250mAh	1.227	0.25	90	A
AA 300mAh	1.262	0.3	90	A
AA 300mAh	1.262	0.3	90	A
AA 300mAh	1.274	0.3	90	A
AA 300mAh	1.262	0.3	90	A
AA 300mAh	1.263	0.3	90	A
AA 400mAh	1.212	0.4	90	A
AA 400mAh	1.211	0.4	90	A
AA 400mAh	1.211	0.4	90	A
AA 400mAh	1.214	0.4	90	A
AA 400mAh	1.211	0.4	90	A
AA 500mAh	1.211	0.5	90	A
AA 500mAh	1.216	0.5	90	A

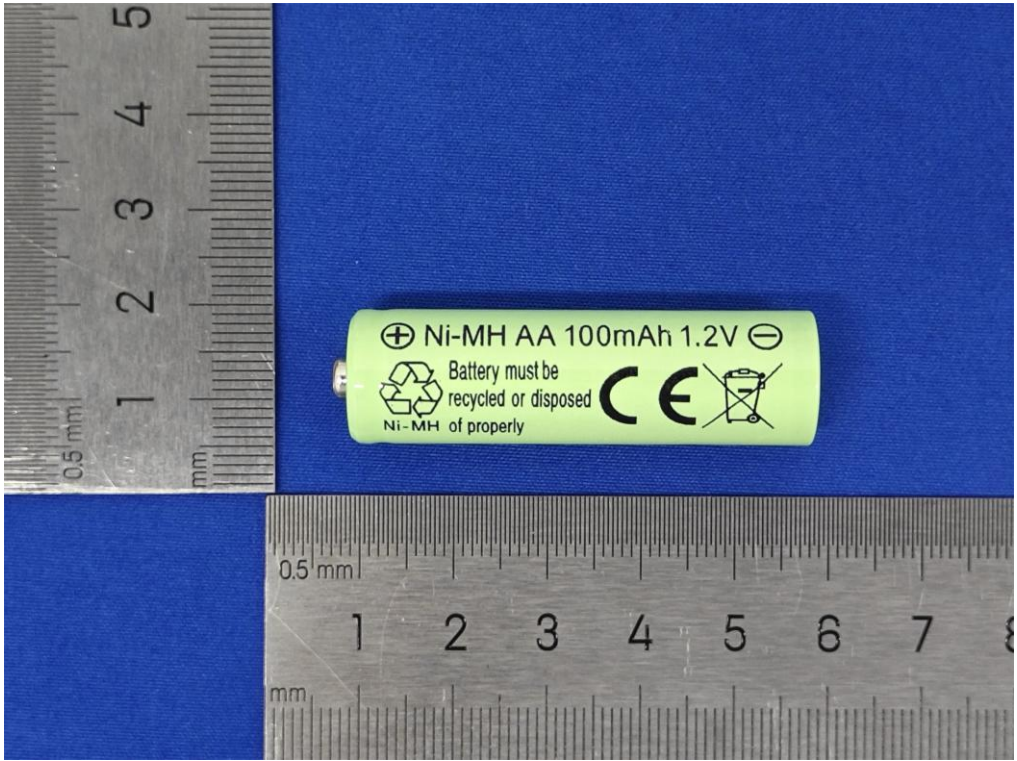
IEC 62133-1				
Clause	Requirement + Test		Result - Remark	Verdict
AA 500mAh	1.209	0.5	90	A
AA 500mAh	1.212	0.5	90	A
AA 500mAh	1.215	0.5	90	A
AA 600mAh	1.204	0.6	90	A
AA 600mAh	1.211	0.6	90	A
AA 600mAh	1.216	0.6	90	A
AA 600mAh	1.204	0.6	90	A
AA 600mAh	1.218	0.6	90	A
AA 800mAh	1.268	0.8	90	A
AA 800mAh	1.262	0.8	90	A
AA 800mAh	1.271	0.8	90	A
AA 800mAh	1.264	0.8	90	A
AA 800mAh	1.266	0.8	90	A
AA 1000mAh	1.210	1.0	90	A
AA 1000mAh	1.216	1.0	90	A
AA 1000mAh	1.218	1.0	90	A
AA 1000mAh	1.217	1.0	90	A
AA 1000mAh	1.216	1.0	90	A
AA 1200mAh	1.182	1.2	90	A
AA 1200mAh	1.183	1.2	90	A
AA 1200mAh	1.180	1.2	90	A
AA 1200mAh	1.185	1.2	90	A
AA 1200mAh	1.186	1.2	90	A
AA 1500mAh	1.182	1.5	90	A
AA 1500mAh	1.186	1.5	90	A
AA 1500mAh	1.184	1.5	90	A
AA 1500mAh	1.185	1.5	90	A
AA 1500mAh	1.183	1.5	90	A
Supplementary information: A- No fire or explosion B- No leakage C- Leakage D- Fire E- Explosion F- Bulge G- Others (please explain)				

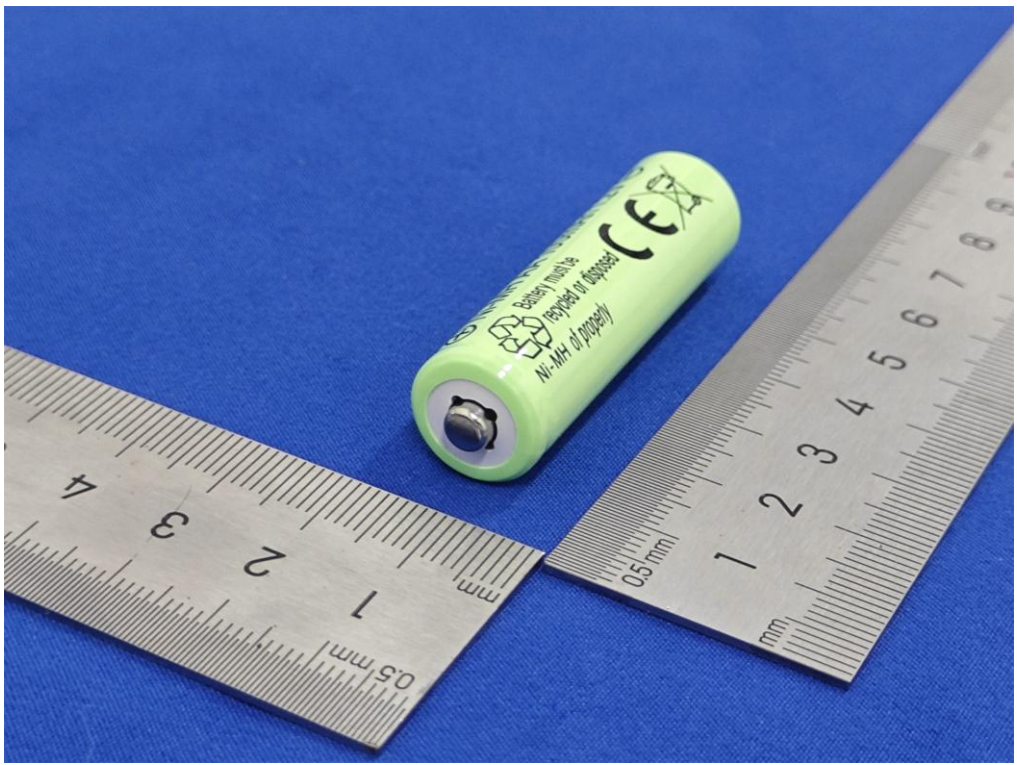
IEC 62133-1					
Clause	Requirement + Test			Result - Remark	Verdict
	TABLE: Critical components information				
	P				
Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity ¹⁾
1. Electrolyte	Xinxiang Delu Material Co., Ltd	-	KOH, 1,3 g/ml	IEC 62133-1:2026	Tested with cell
2. Separator	Laizhou Lianyou Jinhao New Material Co., Ltd.	-	Nylon, The Absorption ≥200%	IEC 62133-1:2026	Tested with cell
3. Positive electrode	Jiangmen Chancsun Umicore Industry Co., Ltd	-	Nicky Hydroxide, Specific capacity: ≥250 mAh/g	IEC 62133-1:2026	Tested with cell
4. Negative electrode	Zhongxi (Weishan) Rare Earth New Materials Co., Ltd.	-	Alloy Powder, Specific capacity: ≥300 mAh/g	IEC 62133-1:2026	Tested with cell
5. Can	-	-	Steel	IEC 62133-1:2026	Tested with cell
Supplementary information:					
¹⁾ Provided evidence ensures the agreed level of compliance. See OD-CB2039.					

---END---

Attachment No. 1
Photo Documentation

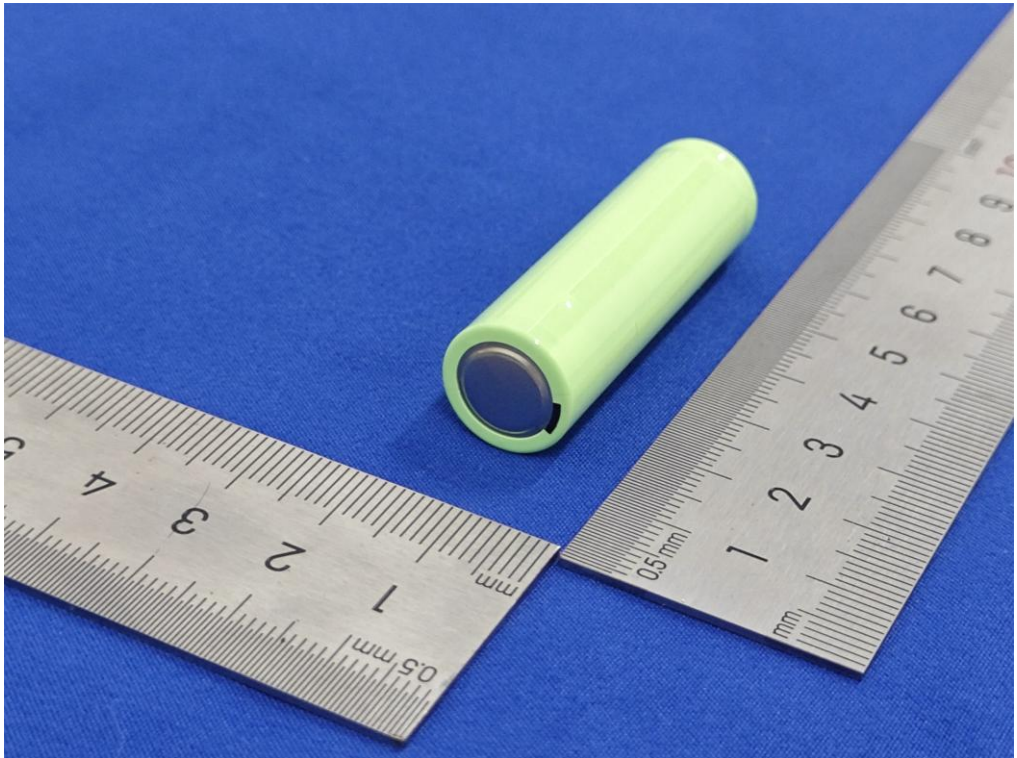
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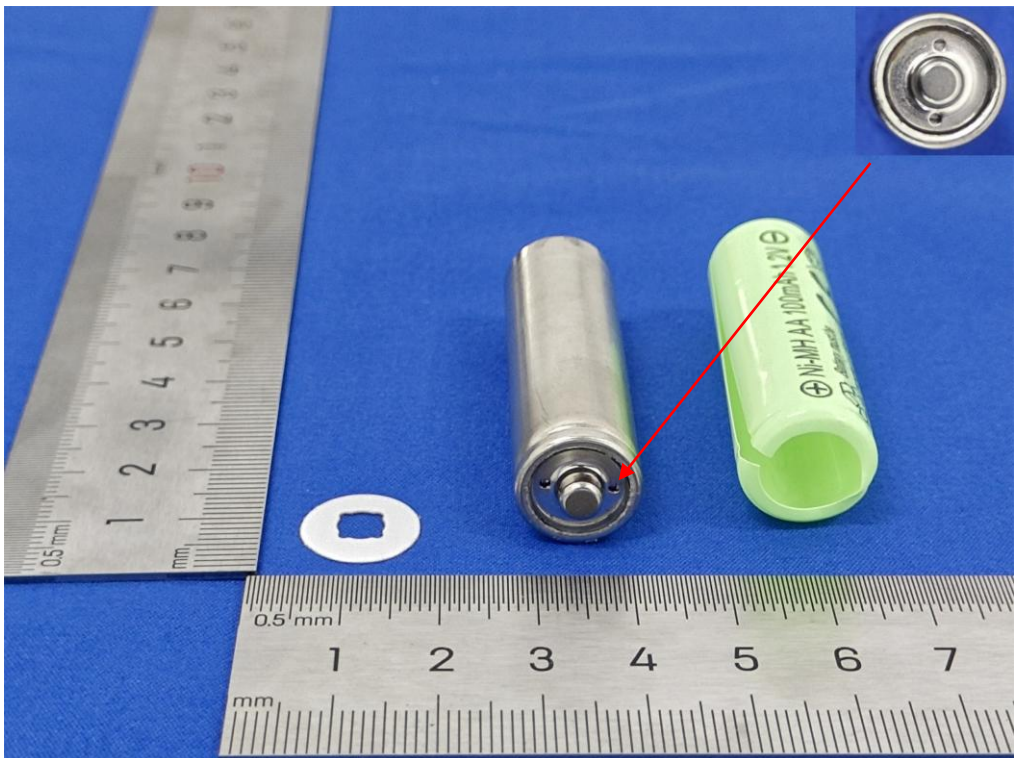
Details of:	Fig. 1. Overall view 1 of Cell, Model AA 100mAh
	

Details of:	Fig. 2. Overall view 2 of Cell, Model AA 100mAh
	

Attachment No. 1
Photo Documentation

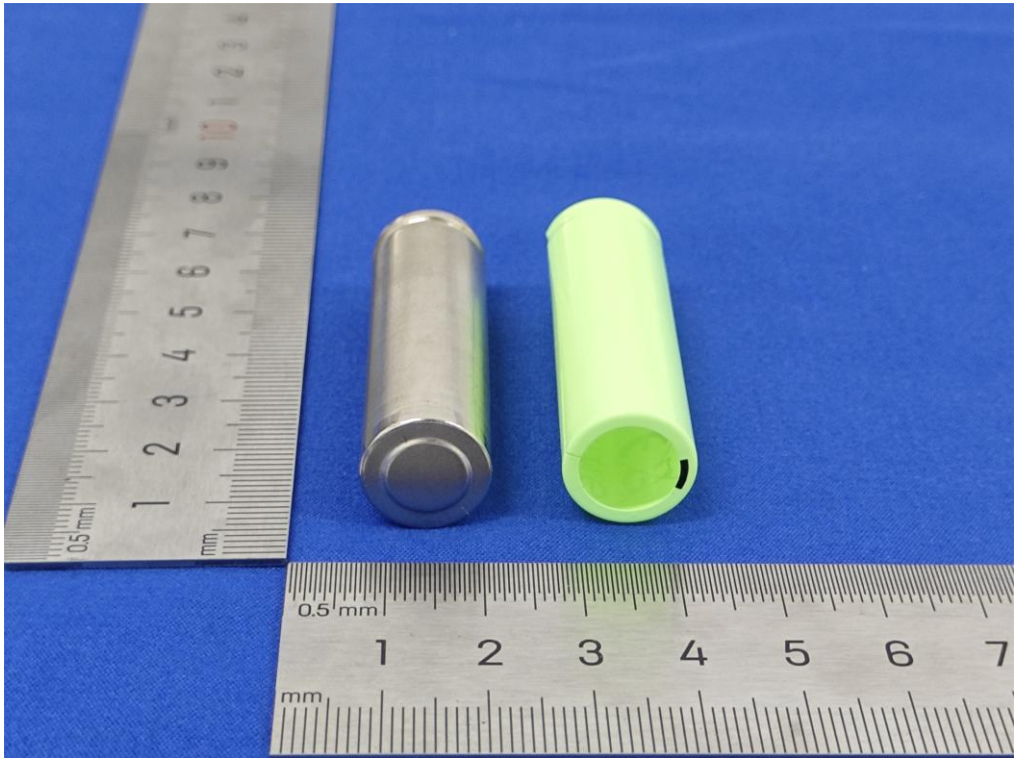
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Details of:	Fig. 3. Overall view 3 of Cell, Model AA 100mAh
	

Details of:	Fig. 4. Overall view 1 of Cell with heat-shrinking tube disassembled, Model AA 100mAh
	

Attachment No. 1
Photo Documentation

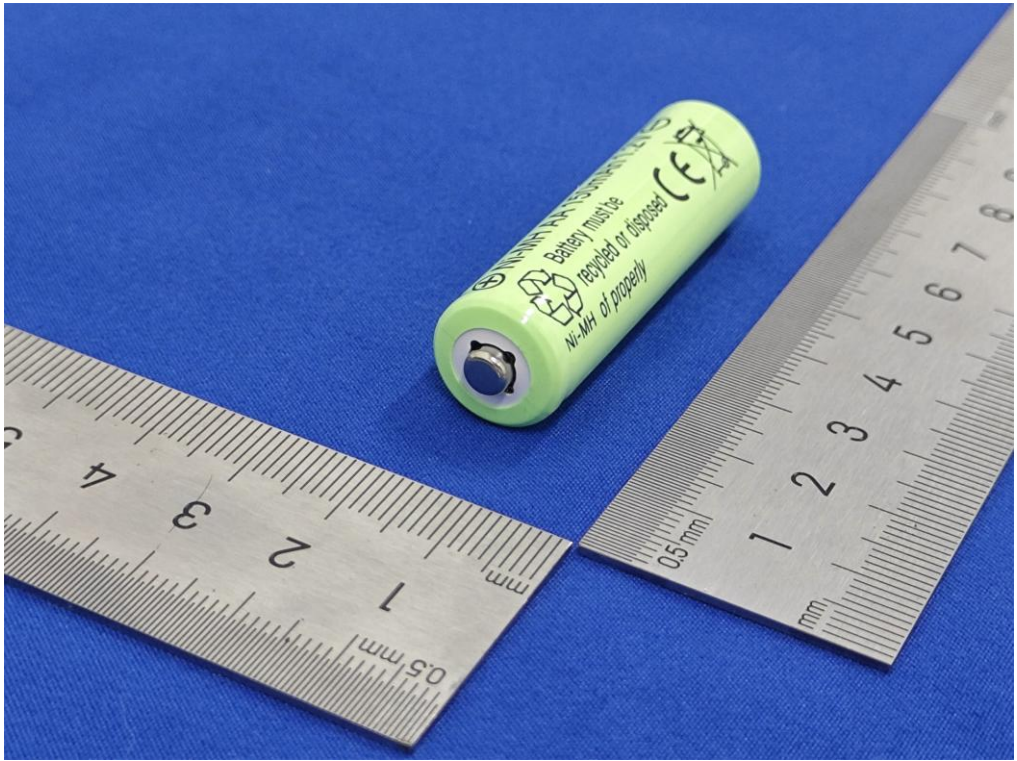
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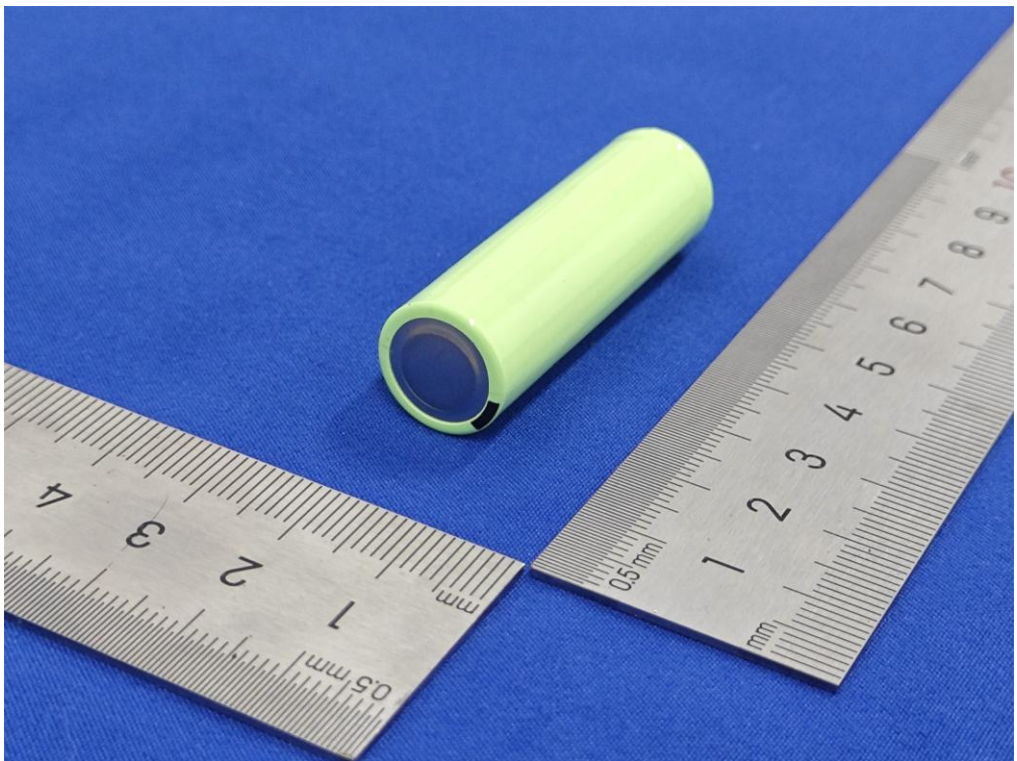
Details of:	Fig. 5. Overall view 2 of Cell with heat-shrinking tube disassembled, Model AA 100mAh
	

Details of:	Fig. 6. Overall view 1 of Cell, Model AA 150mAh
	

Attachment No. 1
Photo Documentation

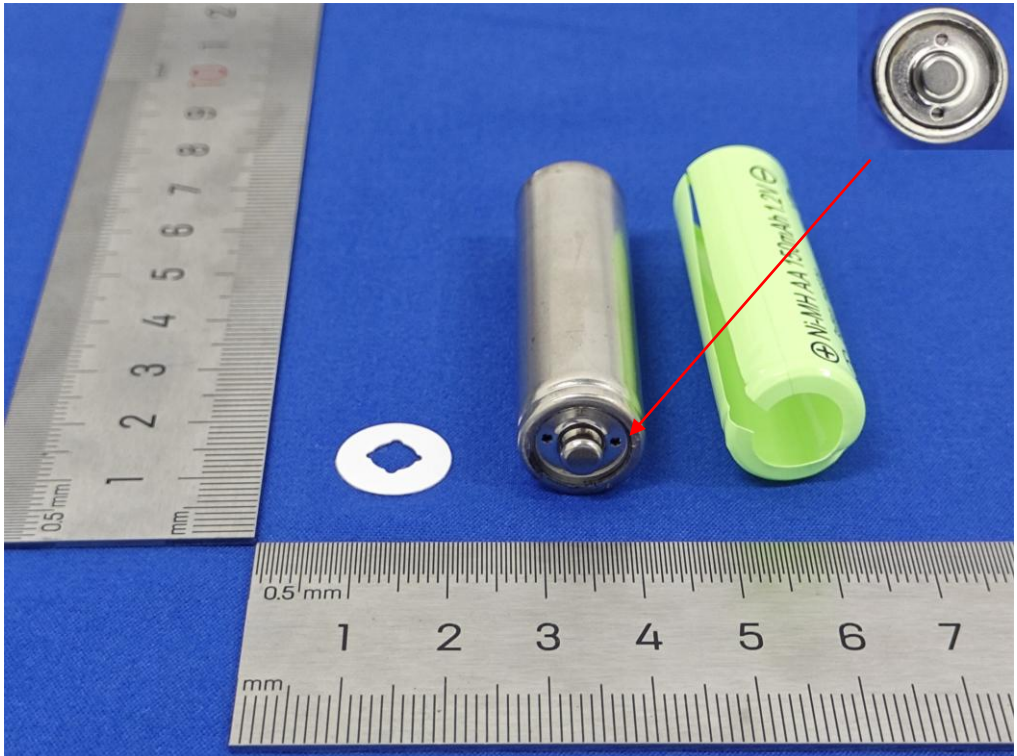
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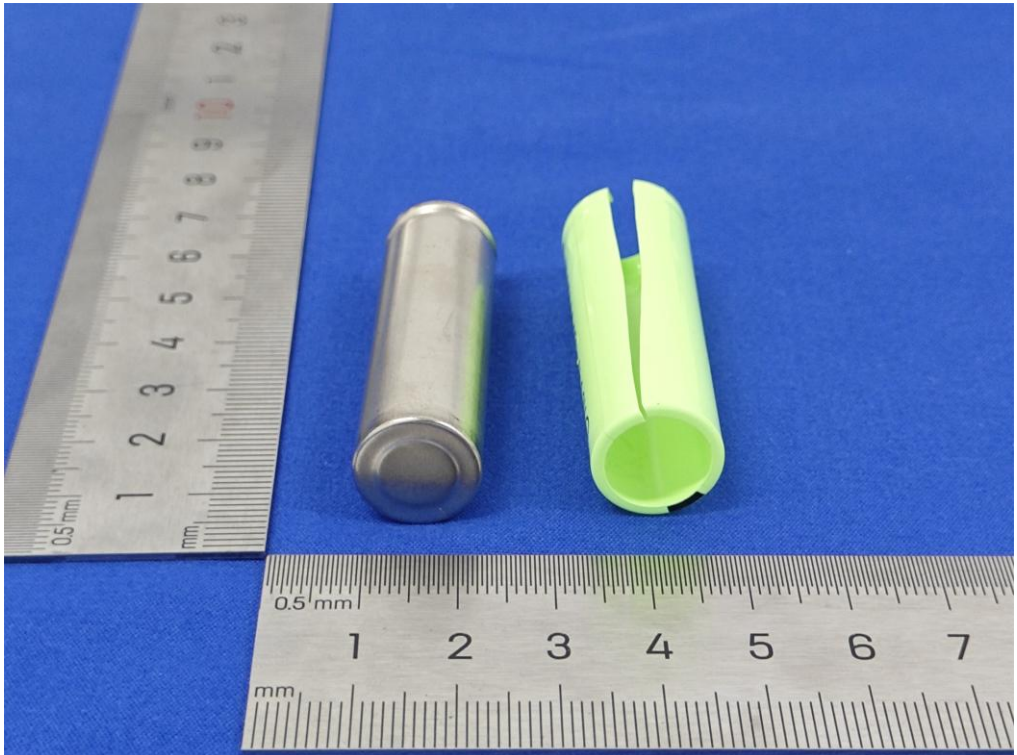
Details of:	Fig. 7. Overall view 2 of Cell, Model AA 150mAh
	

Details of:	Fig. 8. Overall view 3 of Cell, Model AA 150mAh
	

Attachment No. 1
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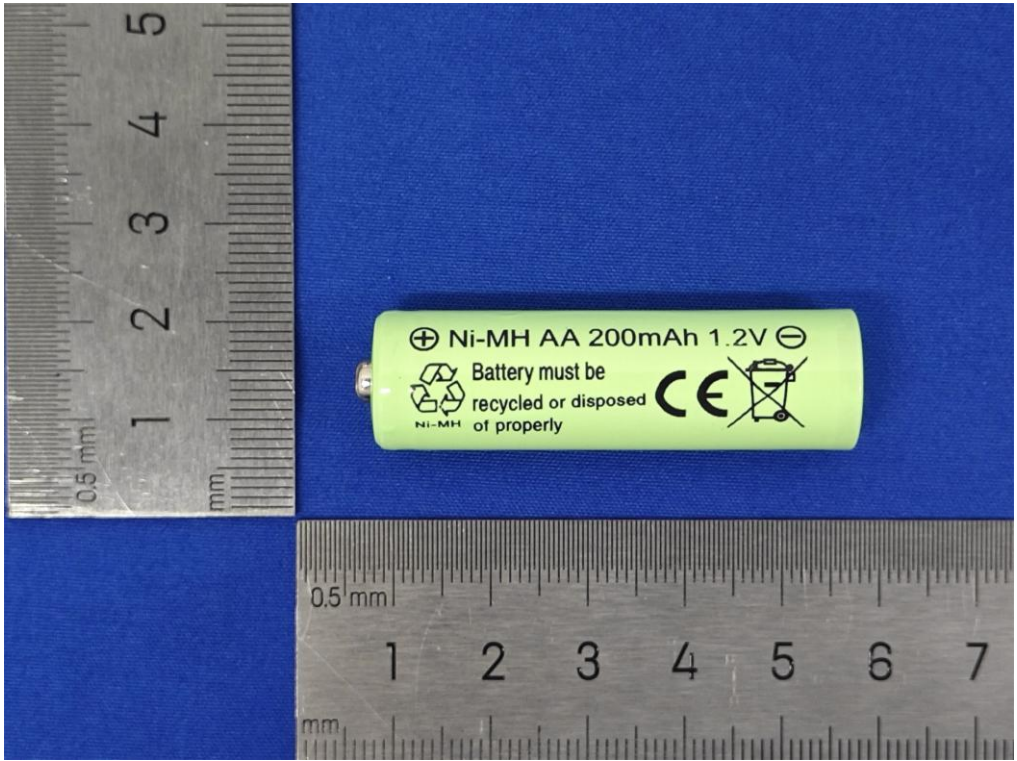
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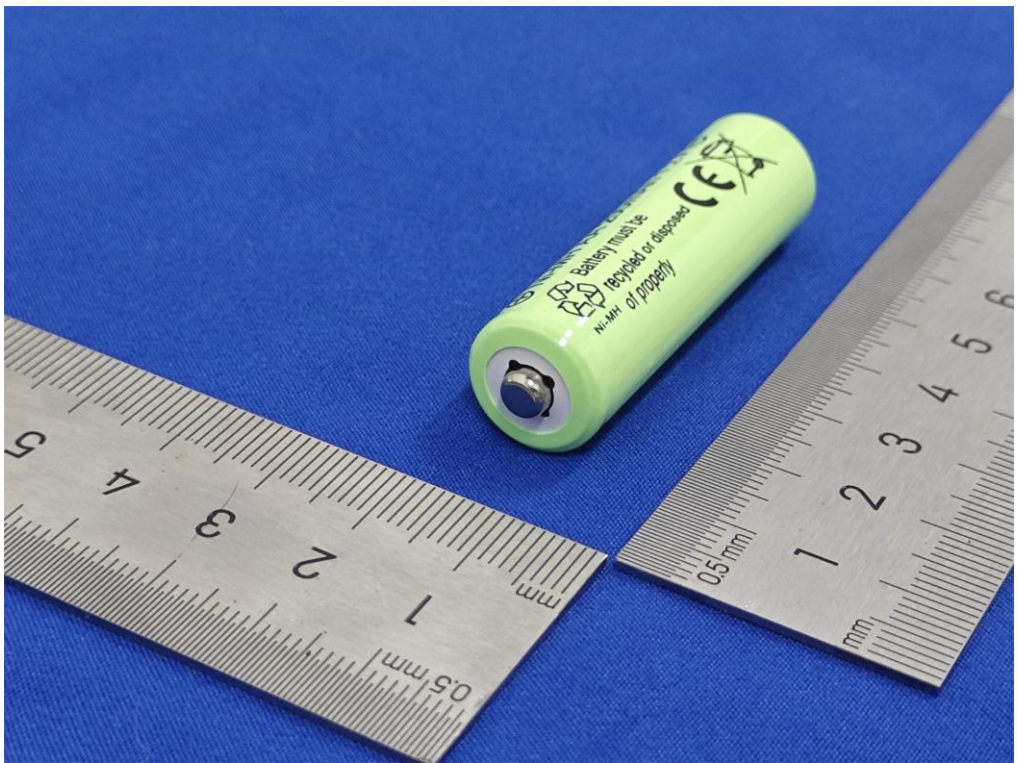
Details of:	Fig. 9. Overall view 1 of Cell with heat-shrinking tube disassembled, Model AA 150mAh
	

Details of:	Fig. 10. Overall view 2 of Cell with heat-shrinking tube disassembled, Model AA 150mAh
	

Attachment No. 1
Photo Documentation

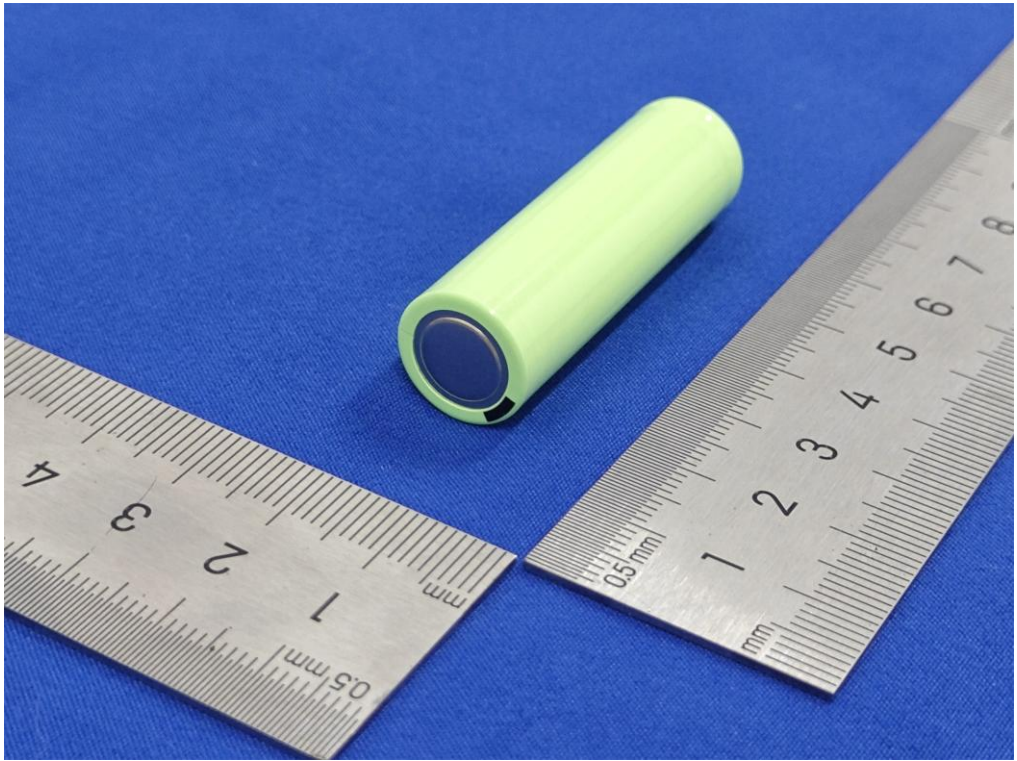
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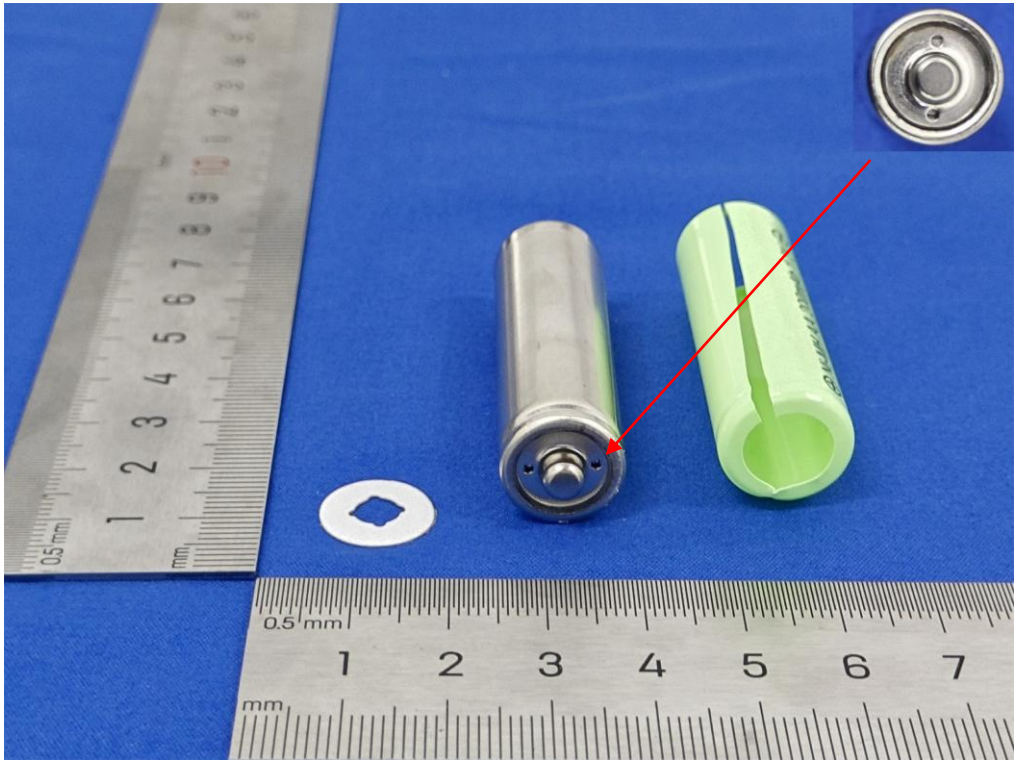
Details of:	Fig. 11. Overall view 1 of Cell, Model AA 200mAh
	

Details of:	Fig. 12. Overall view 2 of Cell, Model AA 200mAh
	

Attachment No. 1
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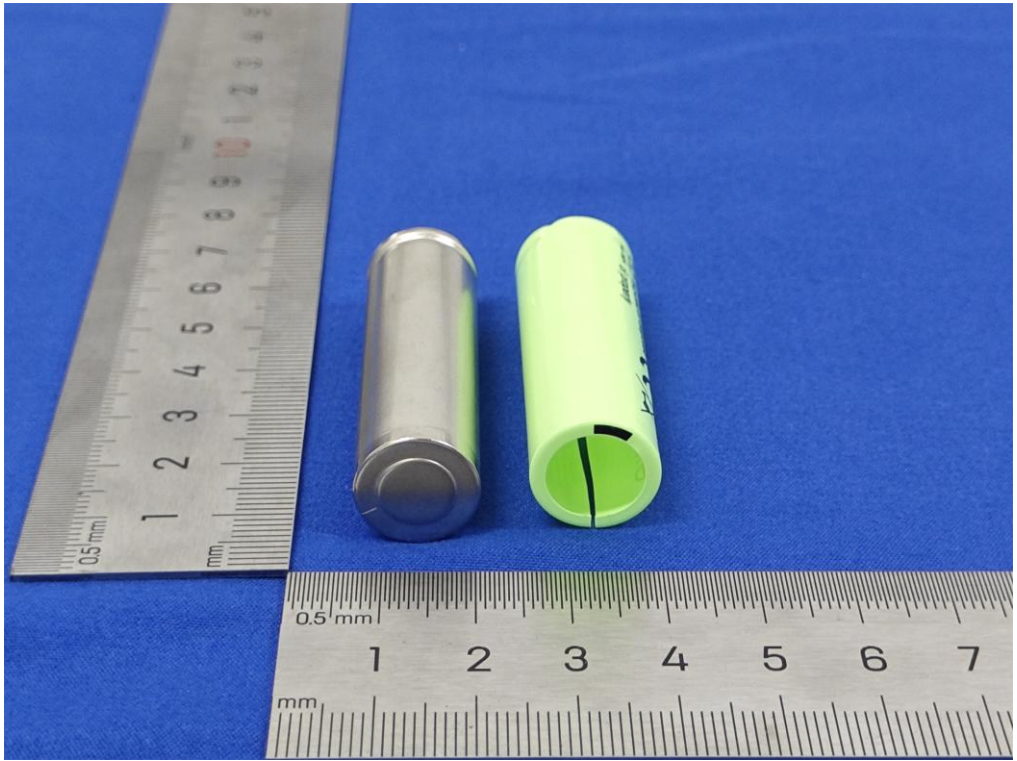
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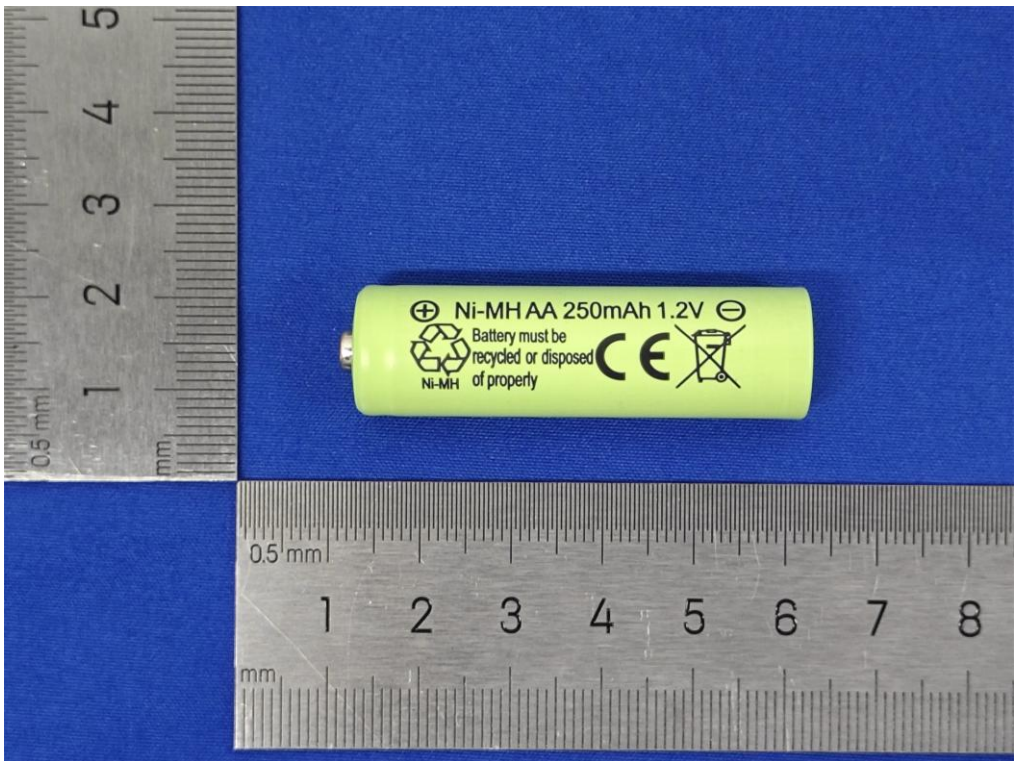
Details of:	Fig. 13. Overall view 3 of Cell, Model AA 200mAh
	 A photograph showing a single AA battery with a bright green plastic casing and a dark blue/black negative terminal. The battery is positioned diagonally on a blue fabric surface. Two metal rulers are placed around the battery for scale: one on the left and one on the right, both showing millimeter markings. The battery's length is approximately 50 mm.

Details of:	Fig. 14. Overall view 1 of Cell with heat-shrinking tube disassembled, Model AA 200mAh
	 A photograph showing the disassembly of an AA battery. The green plastic casing is on the right, and the metal canister is on the left. A red arrow points from the negative terminal of the metal canister to a small circular inset in the top right corner, which shows a close-up of the terminal. A white circular object with a hole in the center is also visible on the blue surface. Two metal rulers are placed around the components for scale: one on the left and one at the bottom, both showing millimeter markings.

Attachment No. 1
Photo Documentation

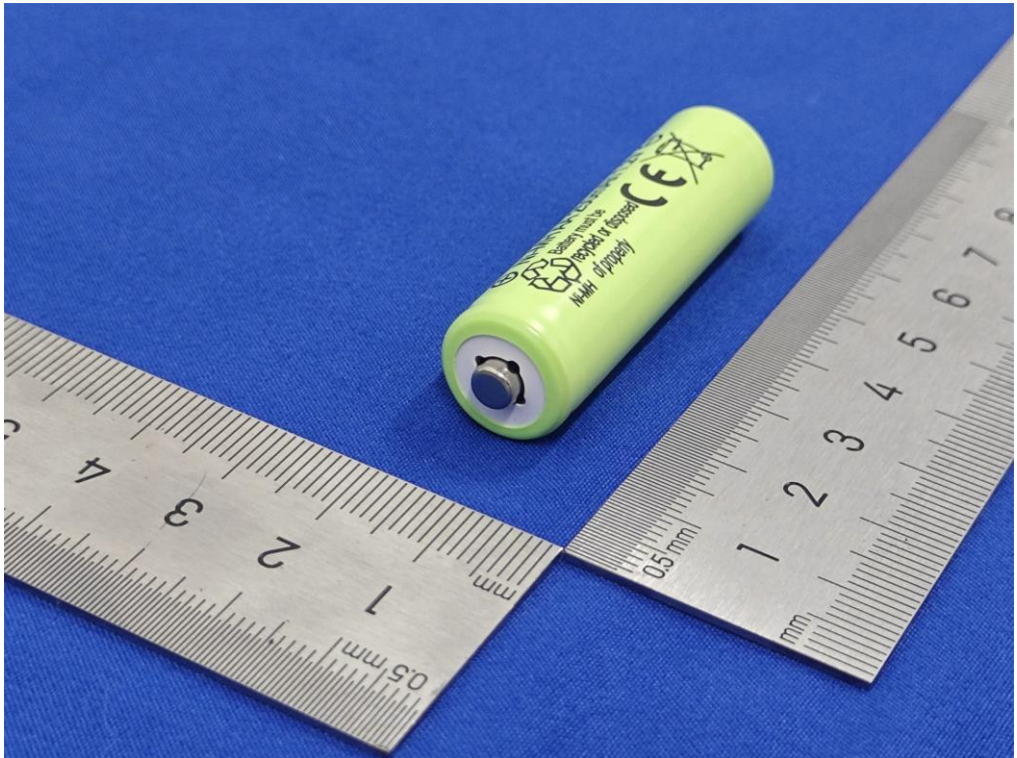
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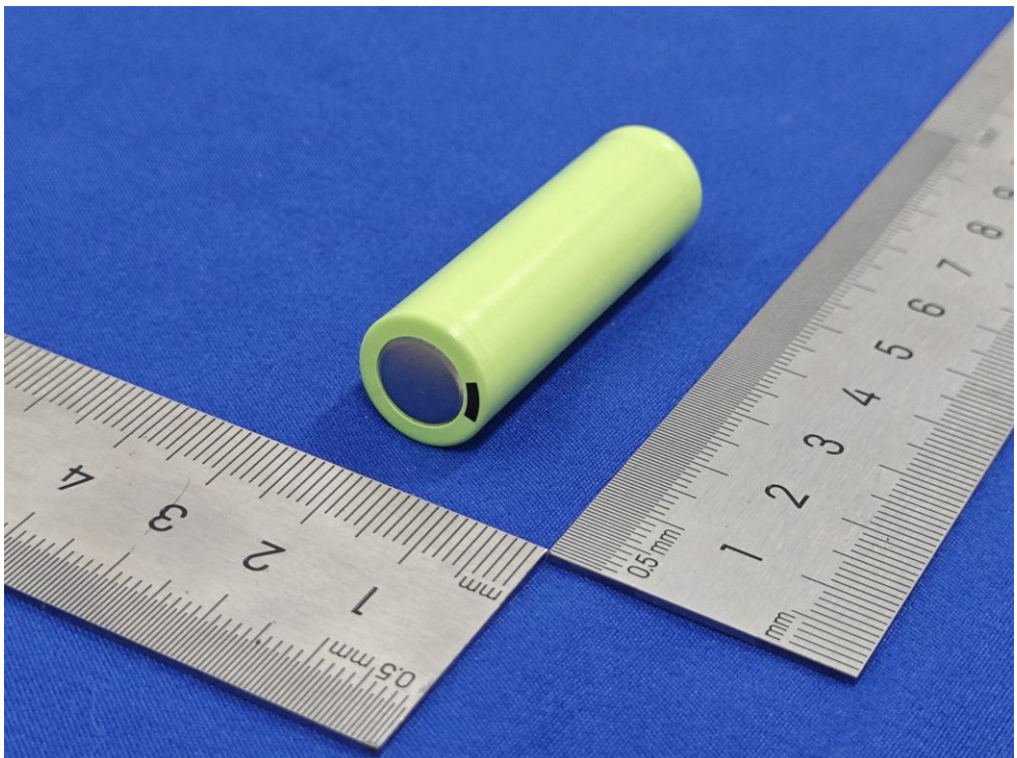
Details of:	Fig. 15. Overall view 2 of Cell with heat-shrinking tube disassembled, Model AA 200mAh
	 A photograph showing two AA batteries lying horizontally on a blue fabric surface. To the left of the batteries is a metal ruler with markings in millimeters, showing a scale from 1 to 7. The battery on the left is silver with a black positive terminal. The battery on the right is yellow with a black negative terminal. The batteries are positioned between two ruler segments: one showing the 1-7 mm range and another showing the 0.5 mm range.

Details of:	Fig. 16. Overall view 1 of Cell, Model AA 250mAh
	 A photograph of a single yellow AA battery lying horizontally on a blue fabric surface. To the left of the battery is a metal ruler with markings in millimeters, showing a scale from 1 to 5. The battery is positioned between two ruler segments: one showing the 1-5 mm range and another showing the 0.5 mm range. The battery has a black positive terminal on the left and a black negative terminal on the right. The label on the battery includes the text "Ni-MH AA 250mAh 1.2V", a recycling symbol, and the text "Battery must be recycled or disposed of properly".

Attachment No. 1
Photo Documentation

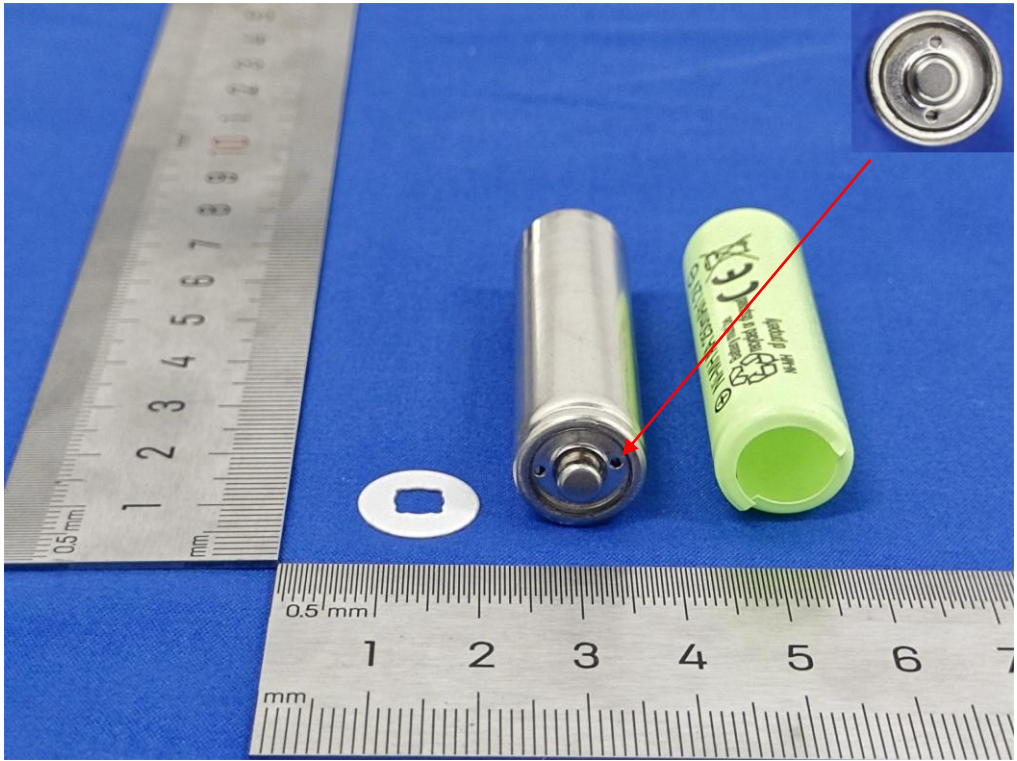
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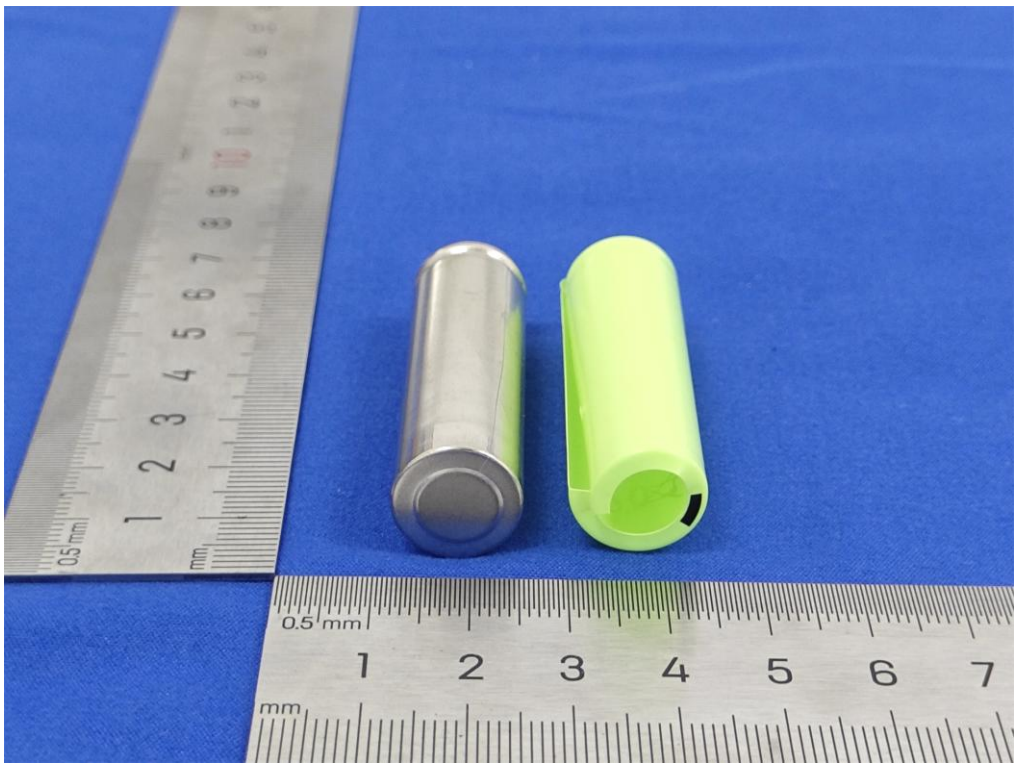
Details of:	Fig. 17. Overall view 2 of Cell, Model AA 250mAh
	

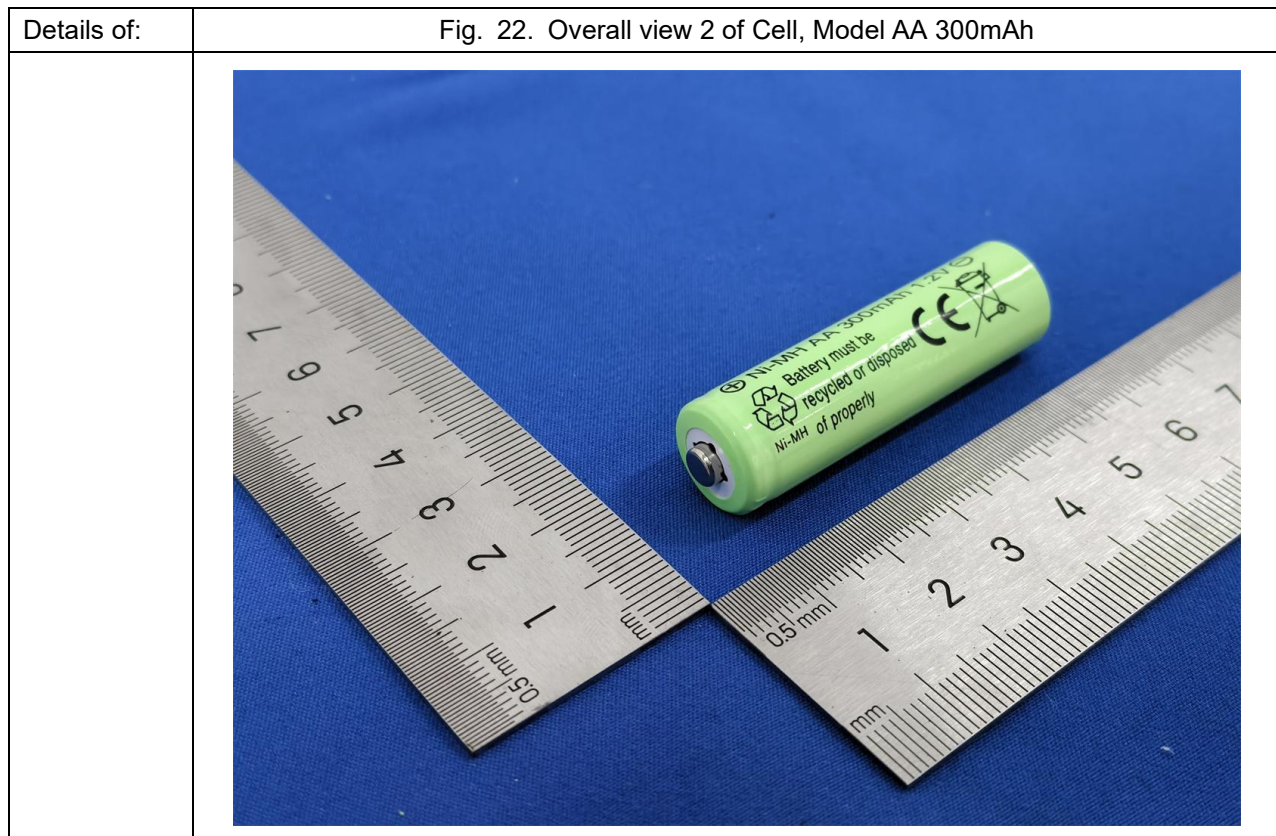
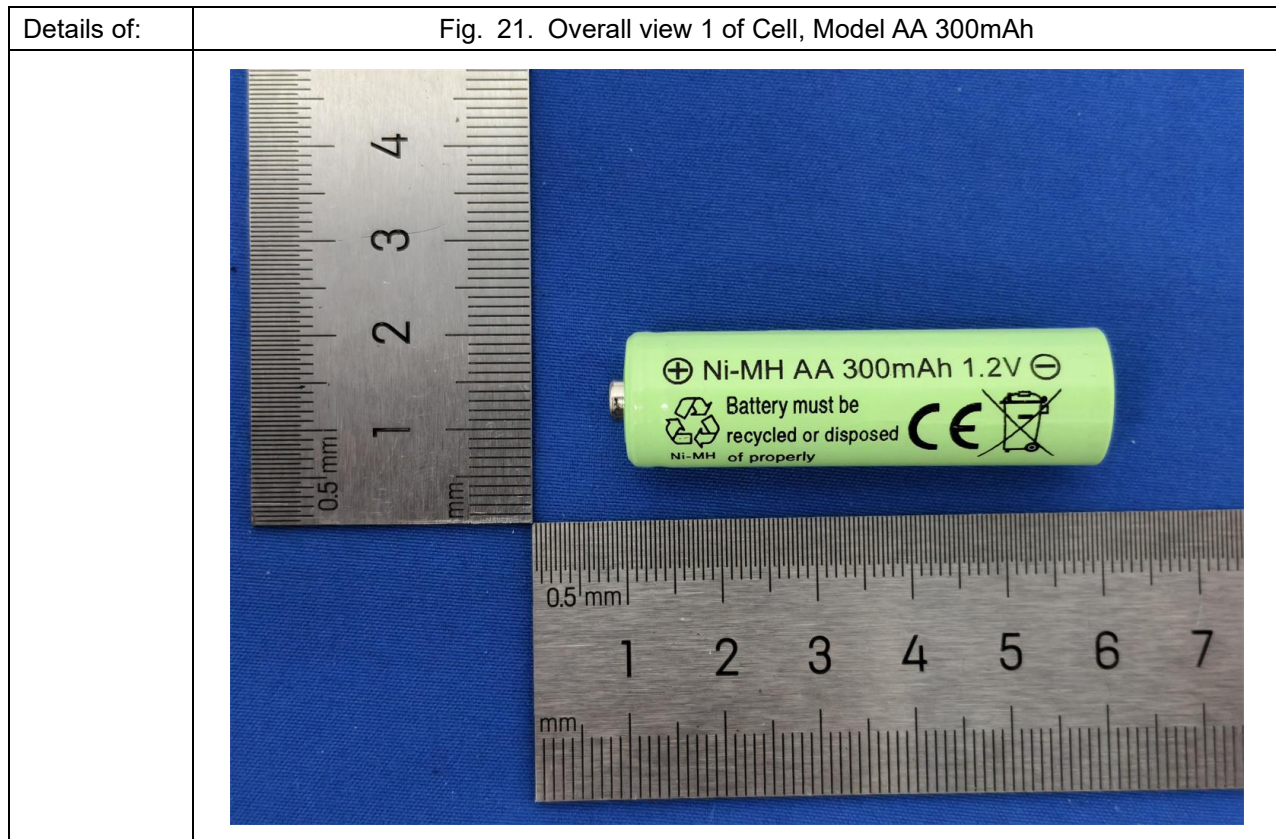
Details of:	Fig. 18. Overall view 3 of Cell, Model AA 250mAh
	

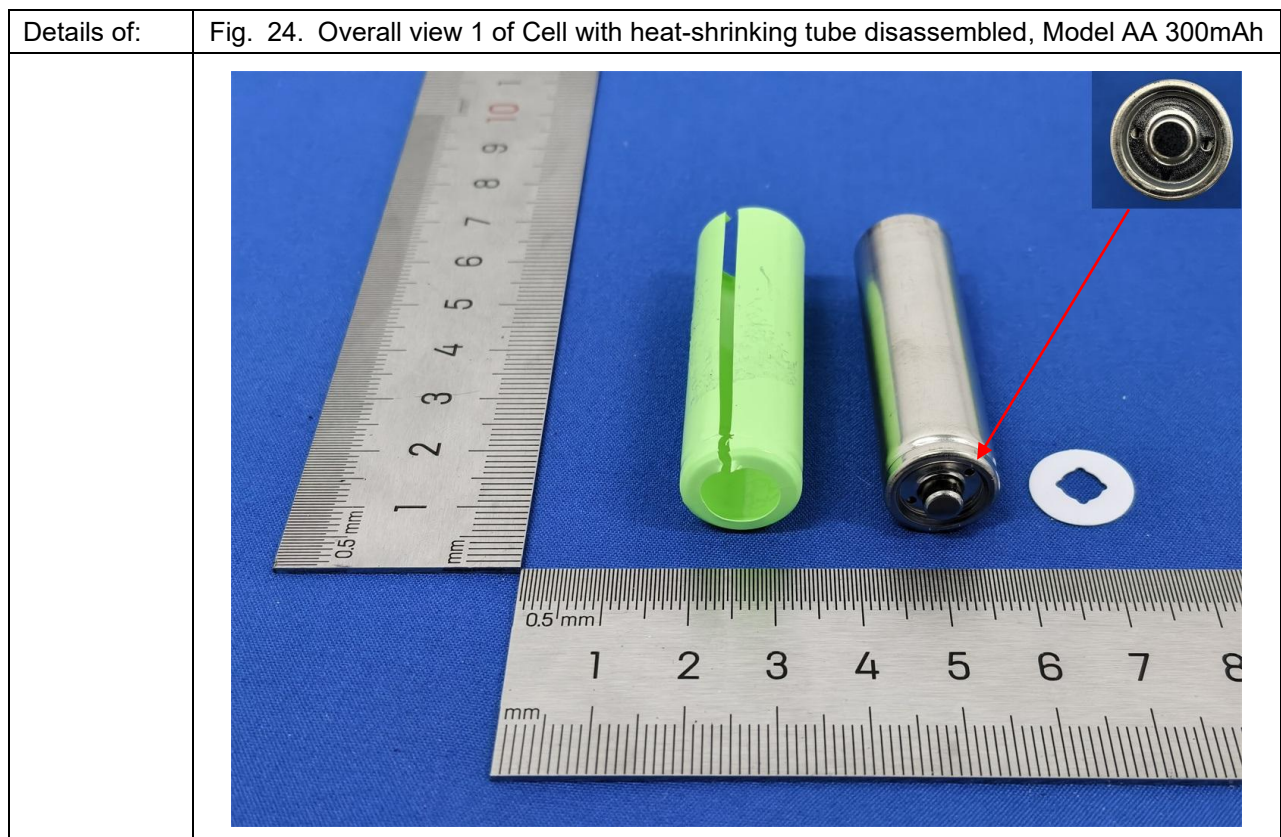
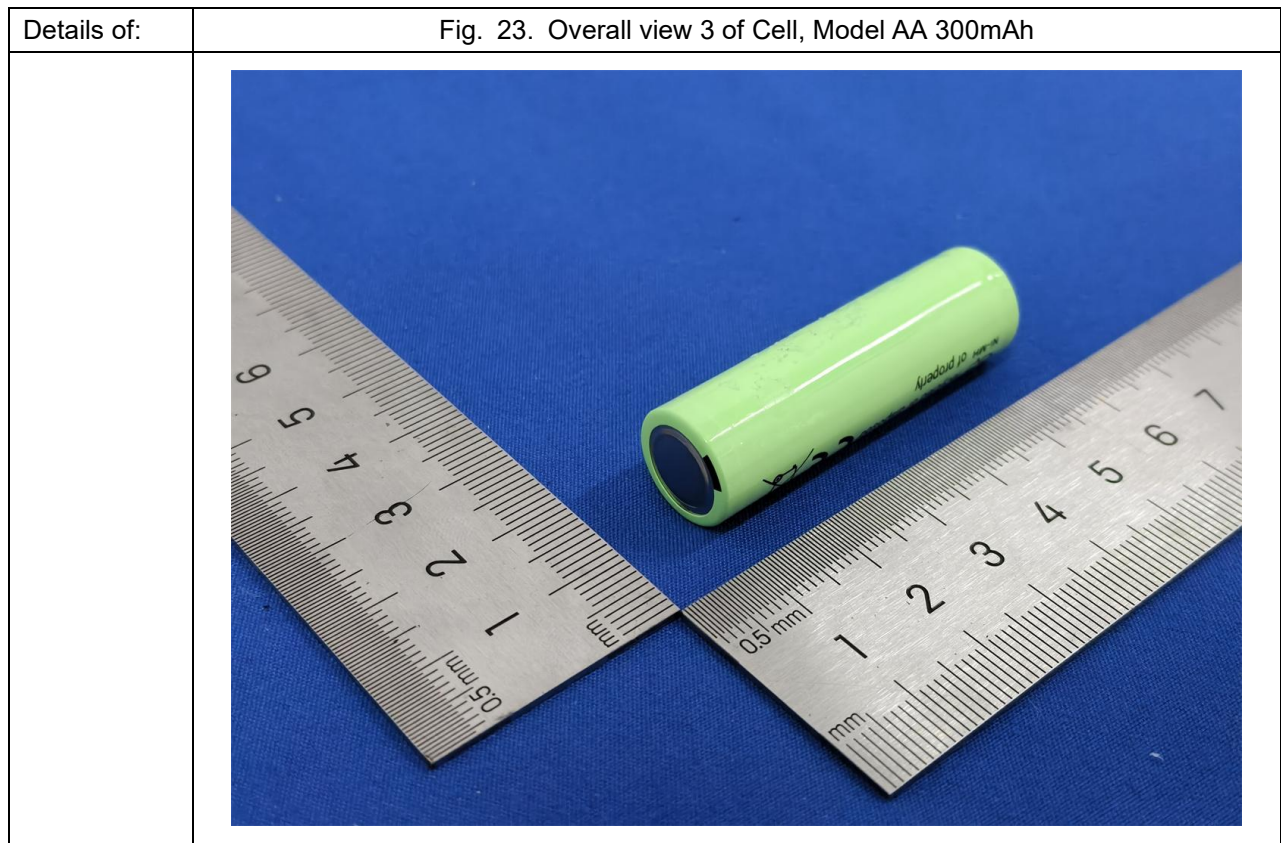
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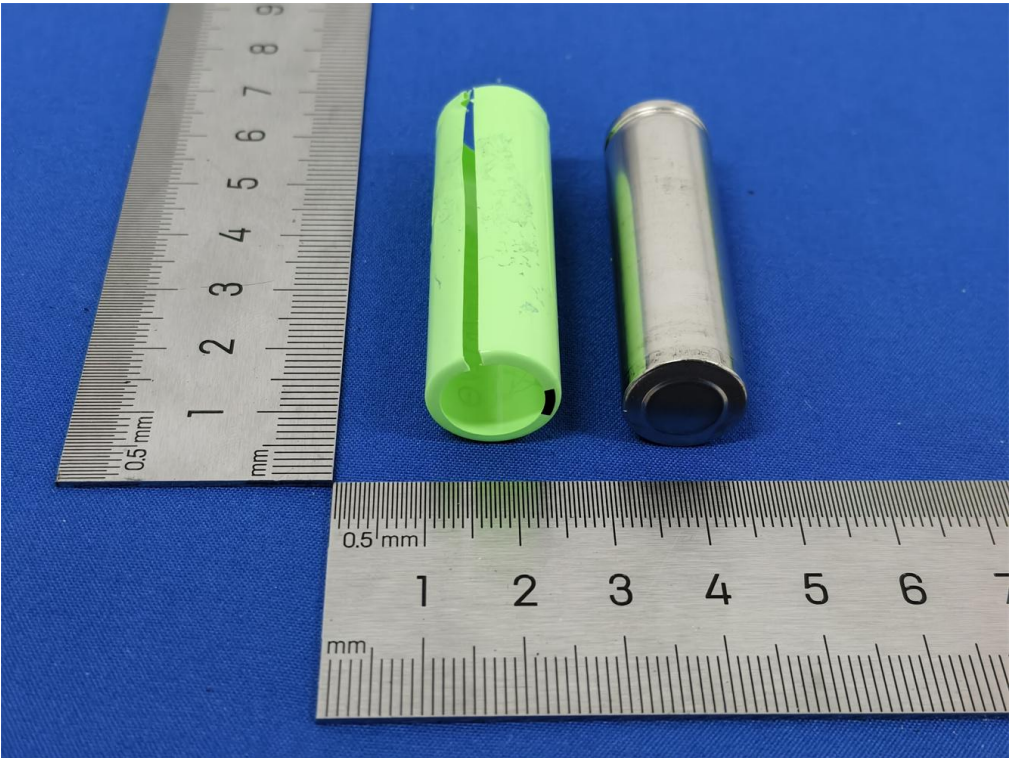
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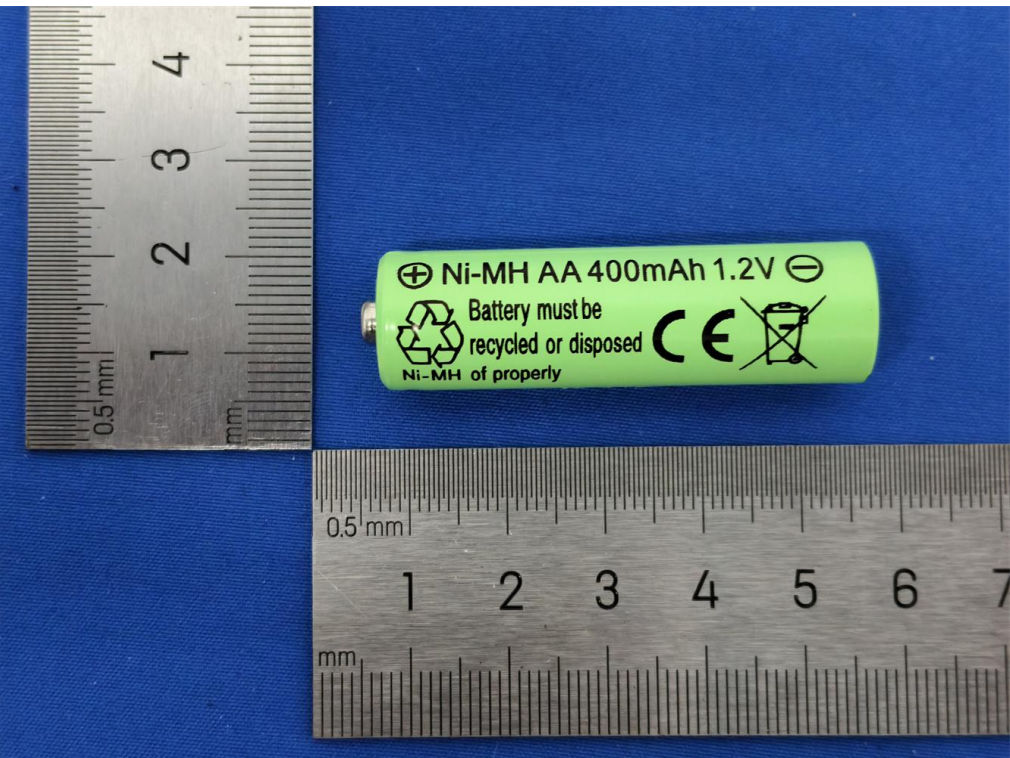
Details of:	Fig. 19. Overall view 1 of Cell with heat-shrinking tube disassembled, Model AA 250mAh
	

Details of:	Fig. 20. Overall view 2 of Cell with heat-shrinking tube disassembled, Model AA 250mAh
	



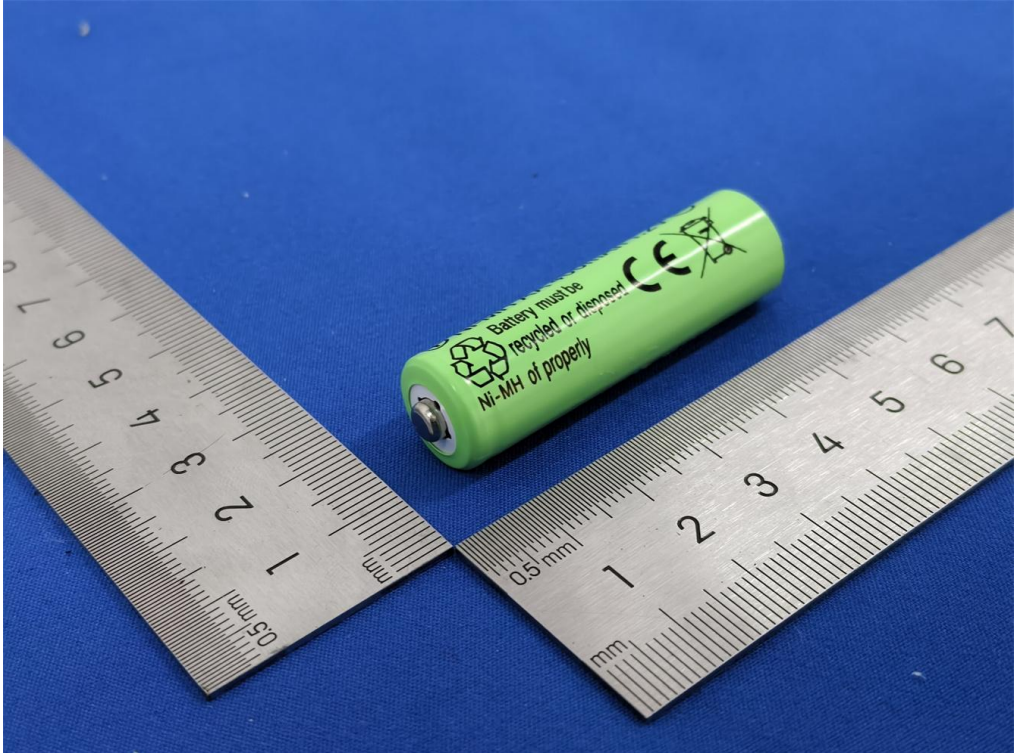


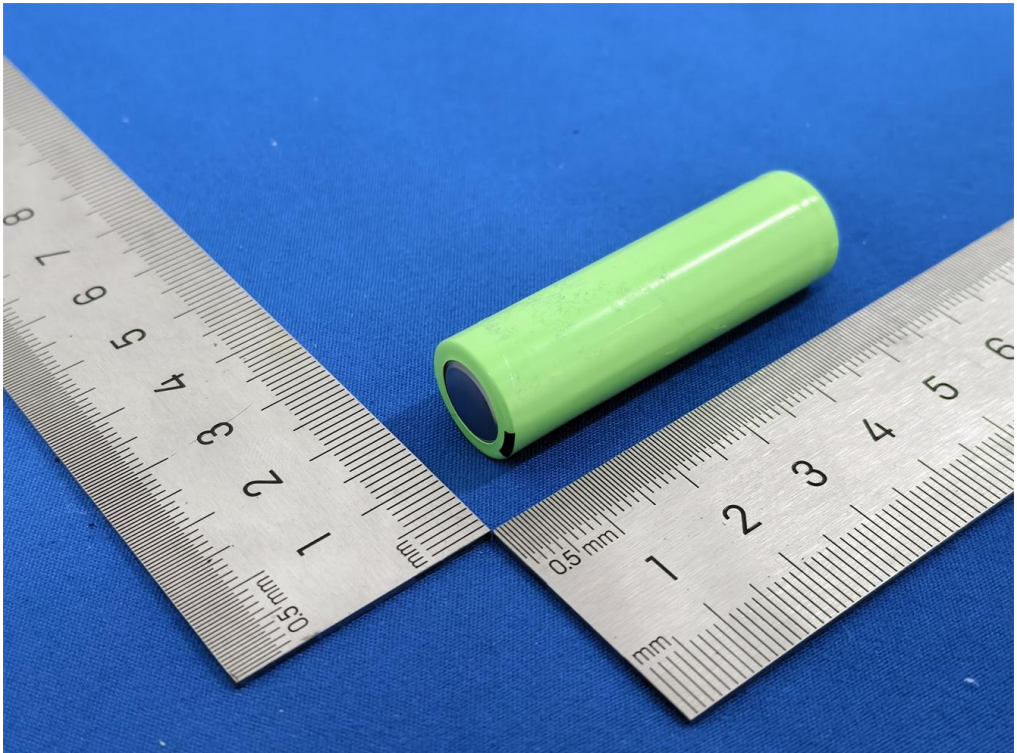
Details of:	Fig. 25. Overall view 2 of Cell with heat-shrinking tube disassembled, Model AA 300mAh
	 A photograph showing the disassembled components of a Model AA 300mAh cell. On the left is a bright green plastic cap with a vertical slit. To its right is a silver-colored metal canister. Two metal rulers are placed horizontally below the components for scale. The top ruler is marked from 1 to 9 cm, and the bottom ruler is marked from 1 to 7 cm. Both rulers have millimeter markings and a 0.5 mm scale.

Details of:	Fig. 26. Overall view 1 of Cell, Model AA 400mAh
	 A photograph of a Model AA 400mAh cell. The cell is cylindrical with a green label. The label contains the following text: "⊕ Ni-MH AA 400mAh 1.2V ⊖", a recycling symbol, "Battery must be recycled or disposed of properly", the CE mark, and a crossed-out trash can symbol. Two metal rulers are placed horizontally to the left of the cell for scale. The top ruler is marked from 1 to 4 cm, and the bottom ruler is marked from 1 to 7 cm. Both rulers have millimeter markings and a 0.5 mm scale.

Attachment No. 1
Photo Documentation

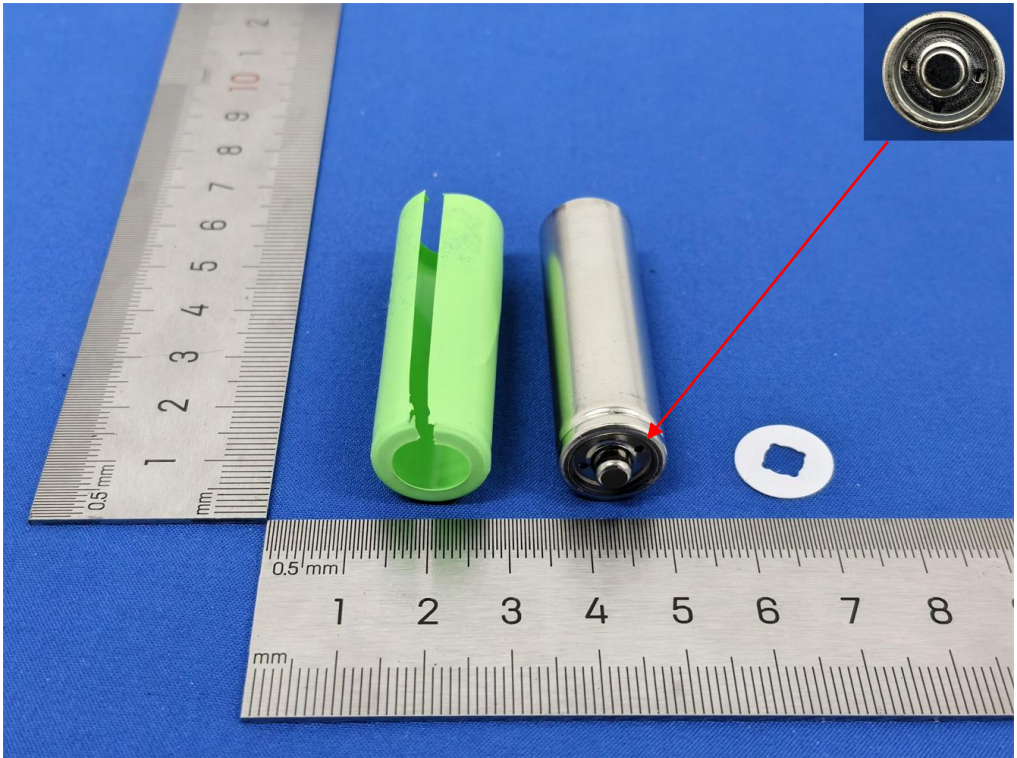
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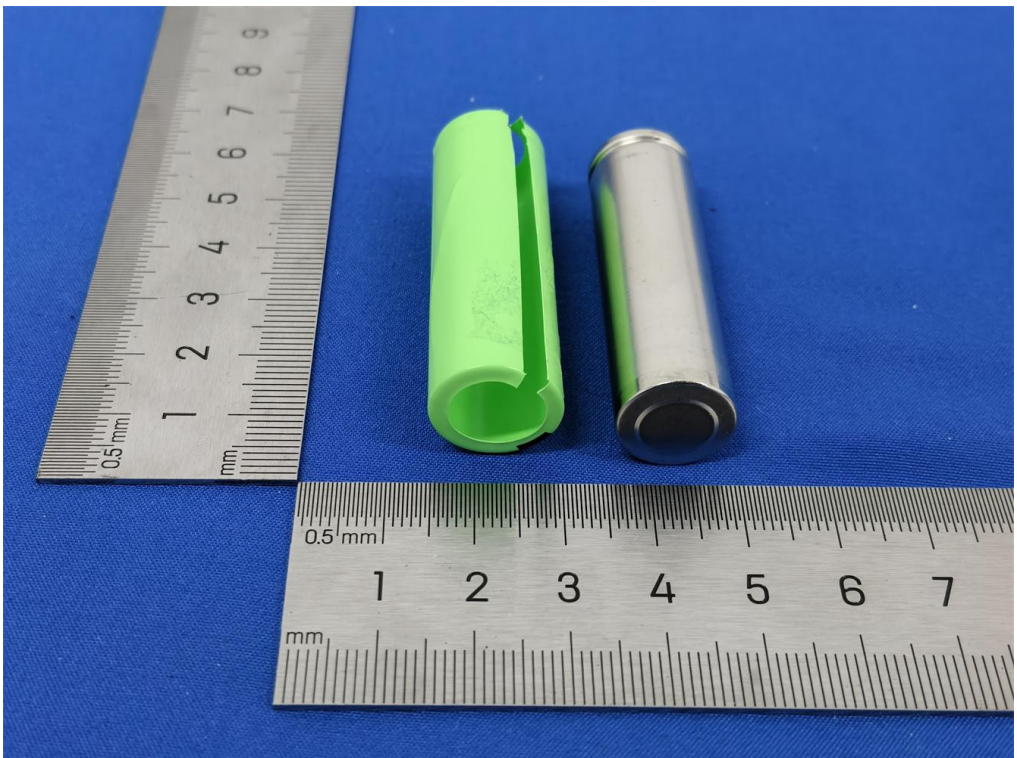
Details of:	Fig. 27. Overall view 2 of Cell, Model AA 400mAh
	

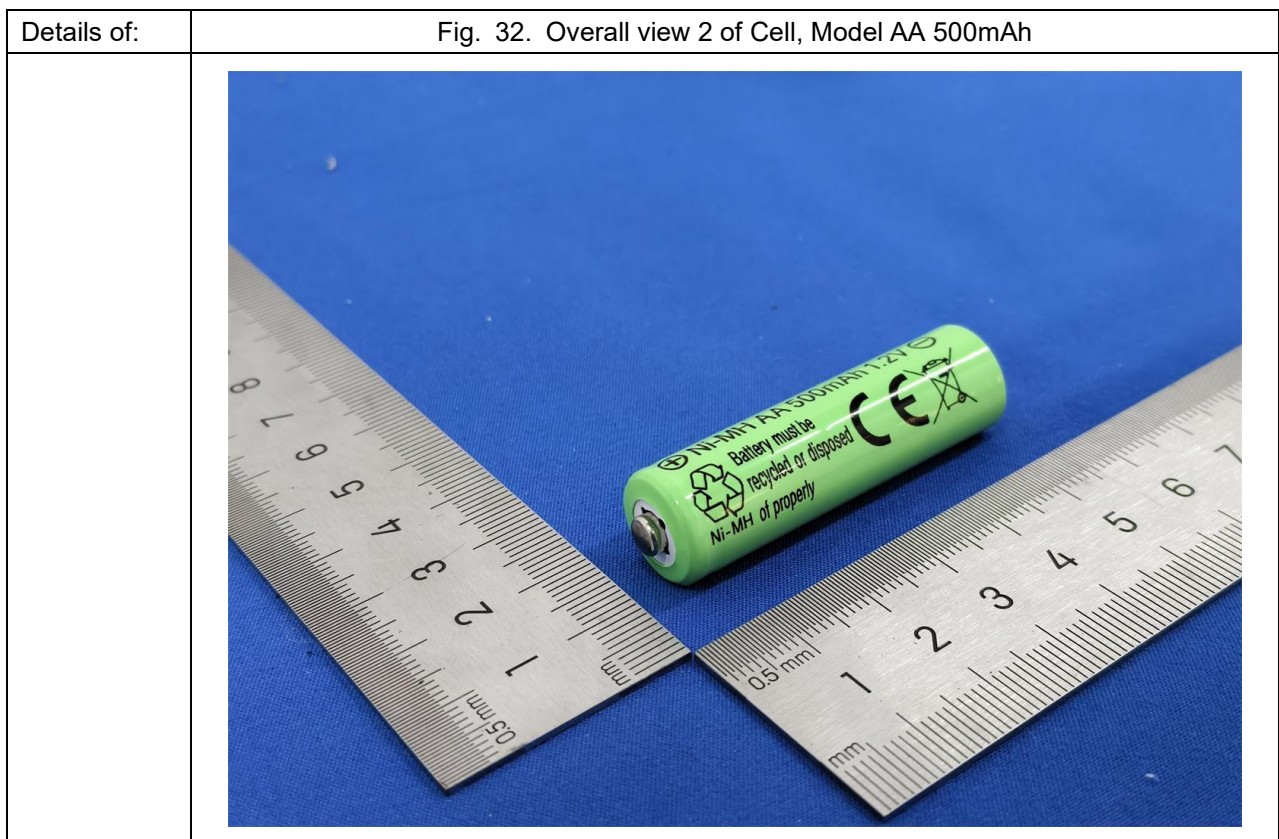
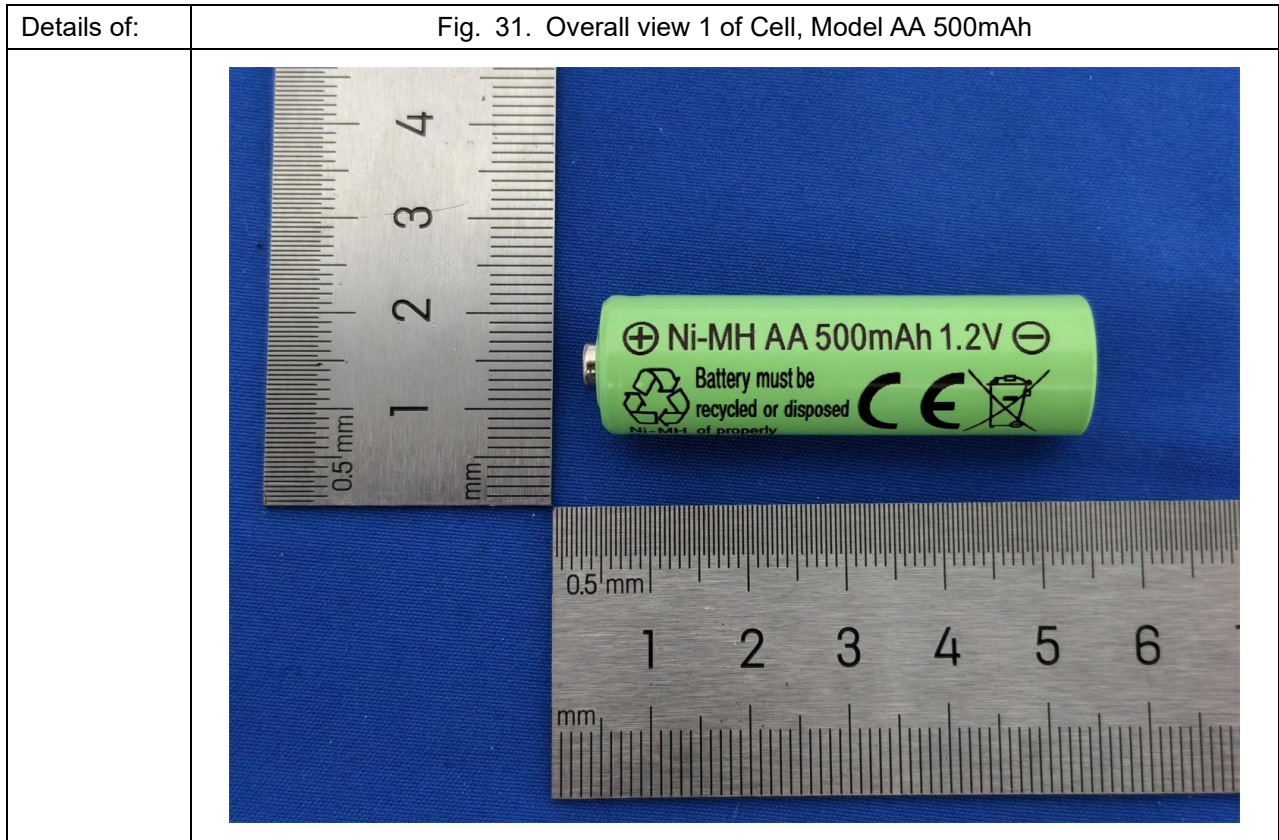
Details of:	Fig. 28. Overall view 3 of Cell, Model AA 400mAh
	

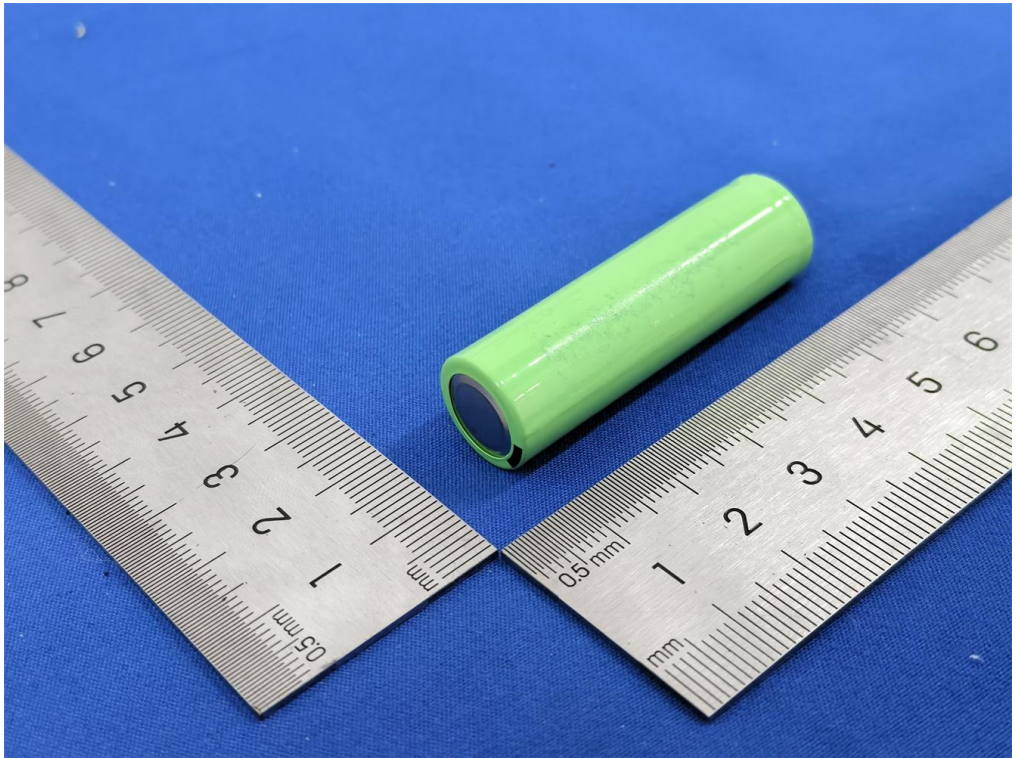
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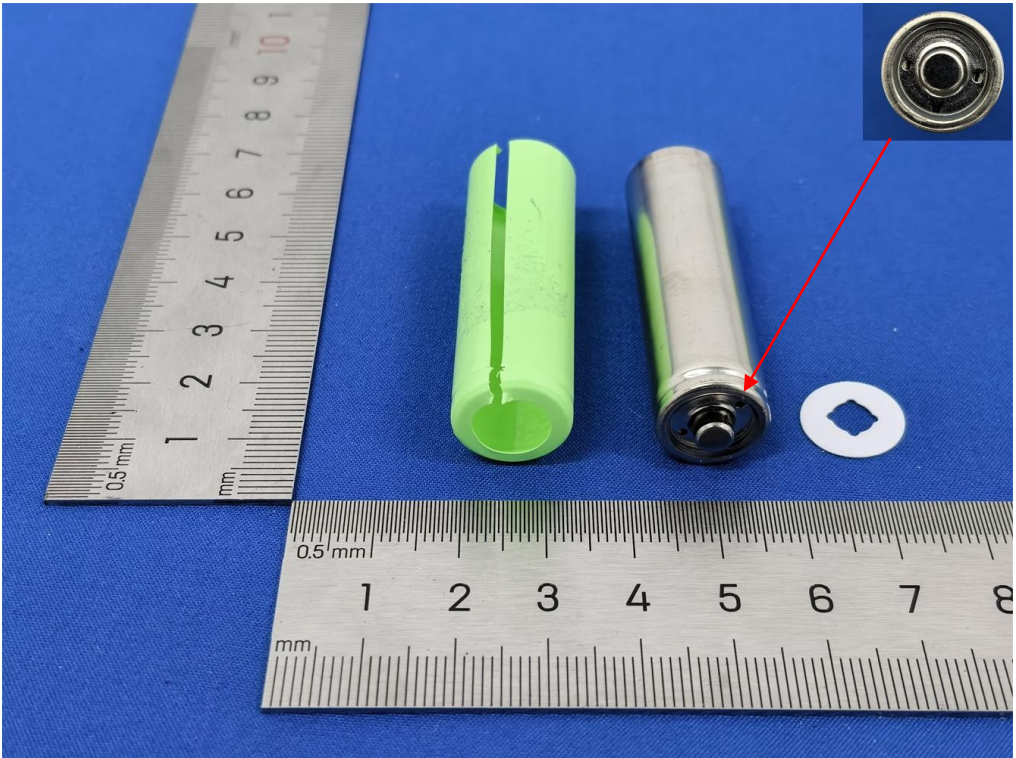
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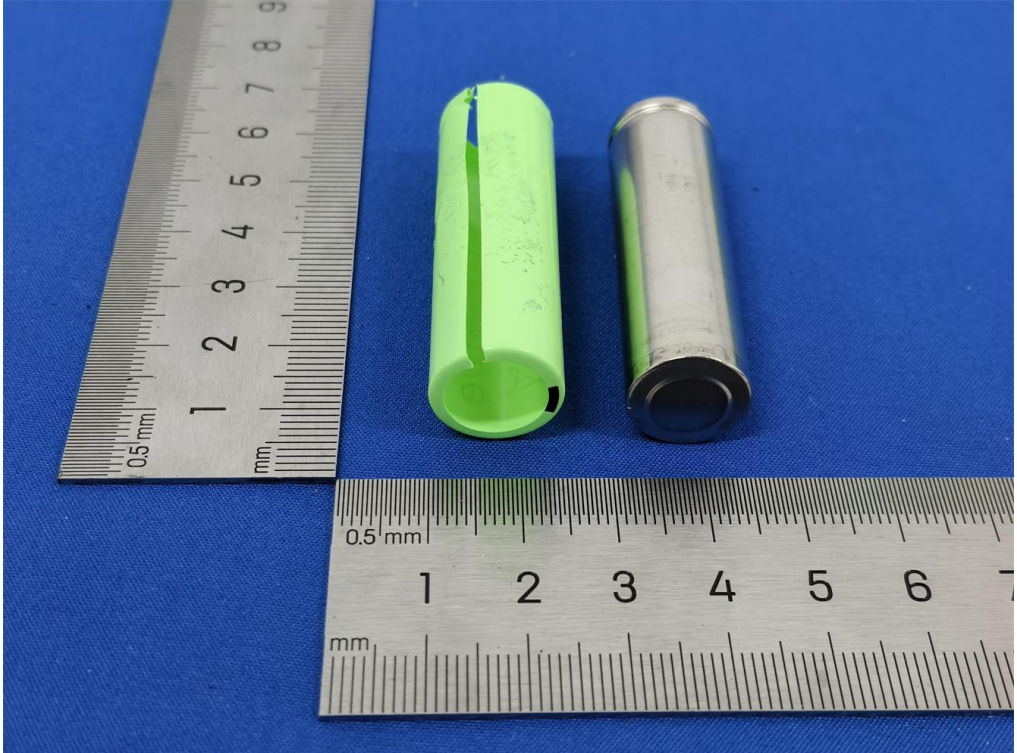
Details of:	Fig. 29. Overall view 1 of Cell with heat-shrinking tube disassembled, Model AA 400mAh
	

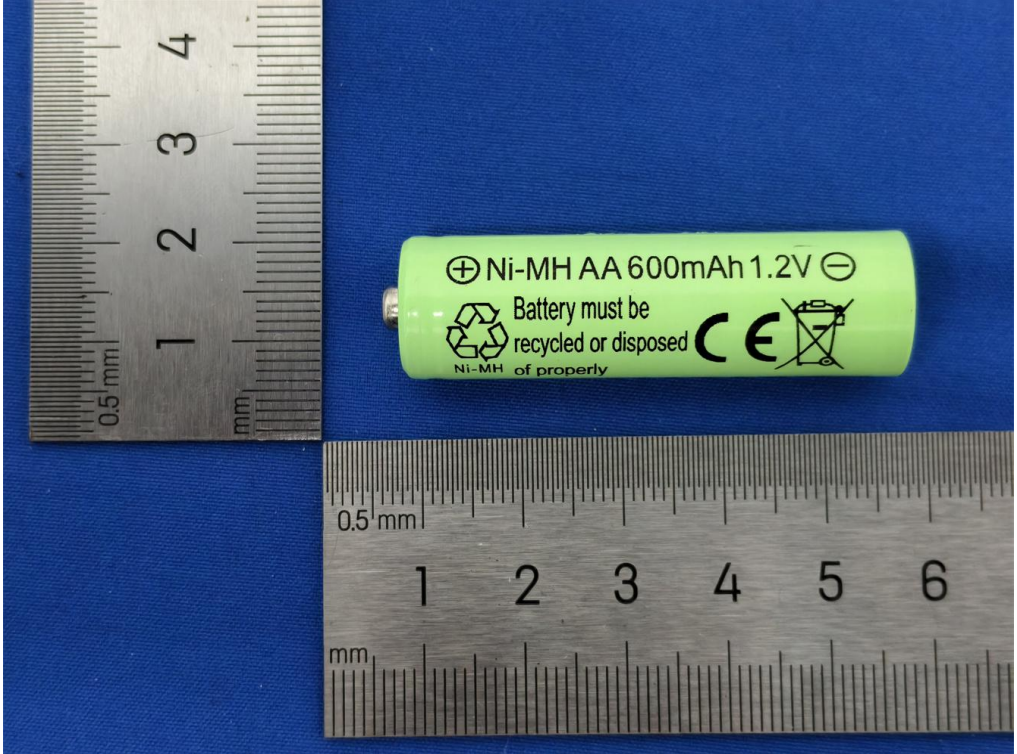
Details of:	Fig. 30. Overall view 2 of Cell with heat-shrinking tube disassembled, Model AA 400mAh
	



Details of:	Fig. 33. Overall view 3 of Cell, Model AA 500mAh
	 A photograph showing a green cylindrical cell (Model AA 500mAh) lying on a blue surface. Two metal rulers are placed diagonally on either side of the cell for scale. The ruler on the left shows markings from 1 to 8 cm, and the ruler on the right shows markings from 1 to 6 cm. The cell is positioned between the two rulers, indicating its length is approximately 5 cm.

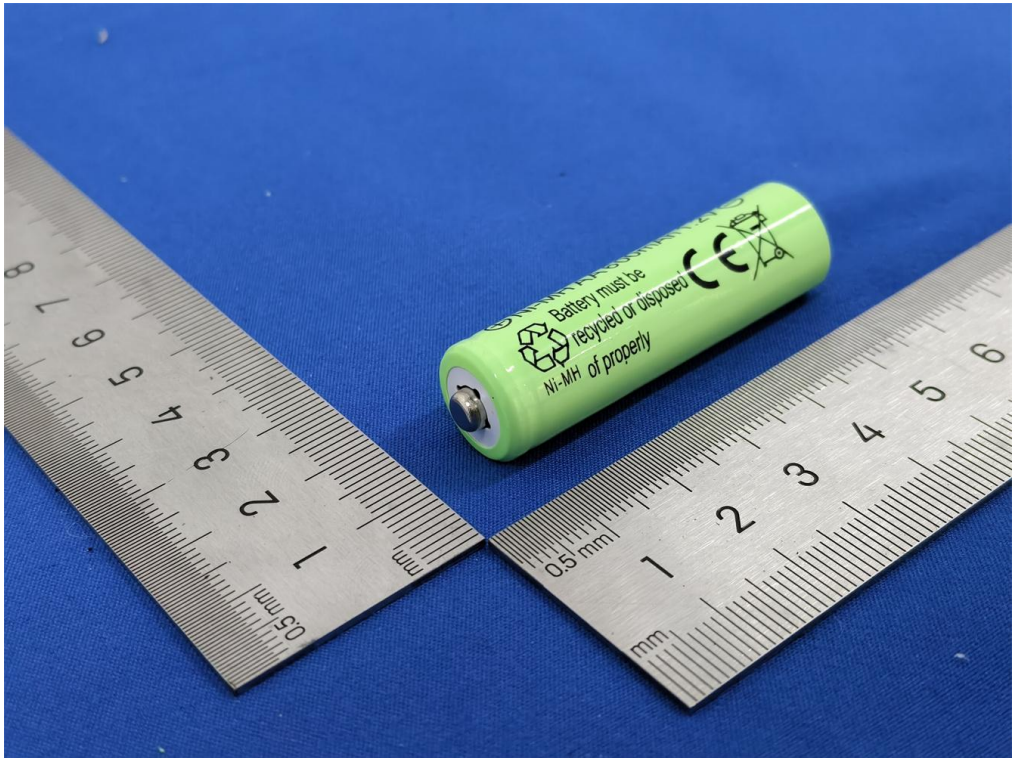
Details of:	Fig. 34. Overall view 1 of Cell with heat-shrinking tube disassembled, Model AA 500mAh
	 A photograph showing the disassembled components of a green cylindrical cell (Model AA 500mAh) on a blue surface. The components include a green plastic outer shell, a silver metal inner tube, and a small white circular disc. A red arrow points from the white disc to the bottom of the metal tube. Two metal rulers are placed diagonally on either side of the components for scale. The ruler on the left shows markings from 1 to 10 cm, and the ruler on the right shows markings from 1 to 8 cm. An inset image in the top right corner shows a close-up of the bottom of the metal tube, revealing a circular opening.

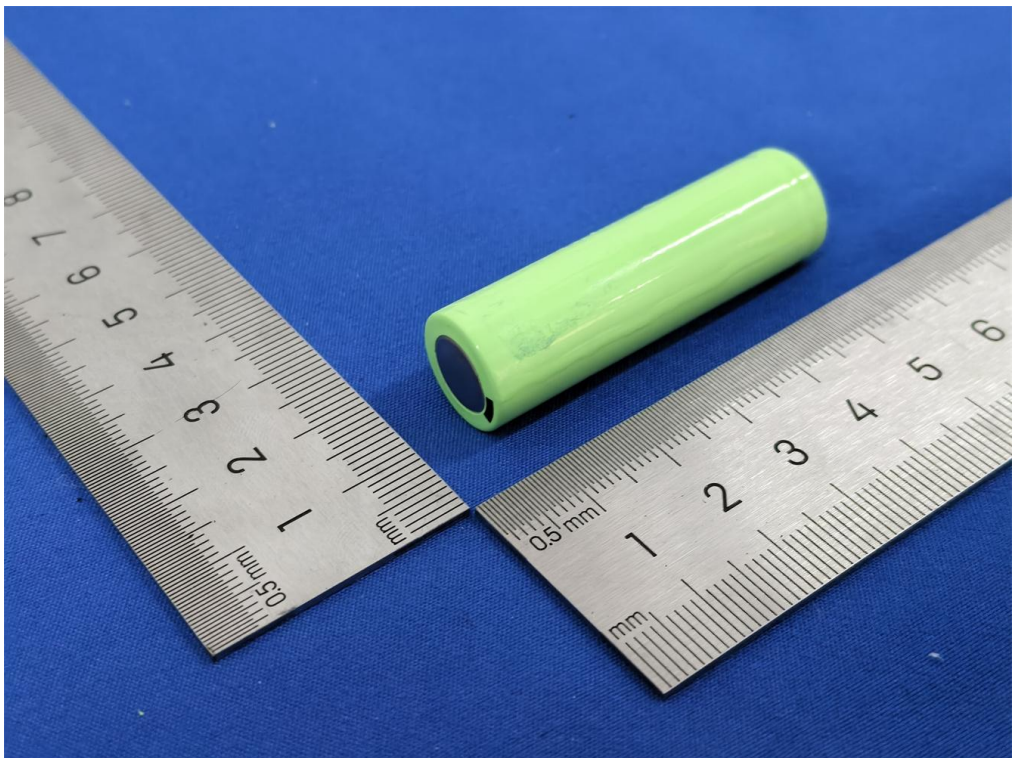
Details of:	Fig. 35. Overall view 2 of Cell with heat-shrinking tube disassembled, Model AA 500mAh
	 A photograph showing the disassembled components of a Model AA 500mAh cell. On the left is a bright green plastic cap with a vertical slit. To its right is a silver-colored metal canister. Both are placed on a blue fabric surface. Two metal rulers are positioned for scale: one vertically on the left showing markings from 1 to 9 cm, and one horizontally at the bottom showing markings from 1 to 7 cm. The rulers have millimeter and 0.5 mm markings.

Details of:	Fig. 36. Overall view 1 of Cell, Model AA 600mAh
	 A photograph of a Model AA 600mAh cell. The cell is cylindrical with a green label. The label text includes: a positive terminal symbol (⊕), "Ni-MH AA 600mAh 1.2V", a negative terminal symbol (⊖), a recycling symbol, "Battery must be recycled or disposed", "CE", and a crossed-out disposal symbol. Below the recycling symbol is the text "Ni-MH of properly". The cell is placed on a blue fabric surface. Two metal rulers are positioned for scale: one vertically on the left showing markings from 1 to 4 cm, and one horizontally at the bottom showing markings from 1 to 6 cm. The rulers have millimeter and 0.5 mm markings.

Attachment No. 1
Photo Documentation

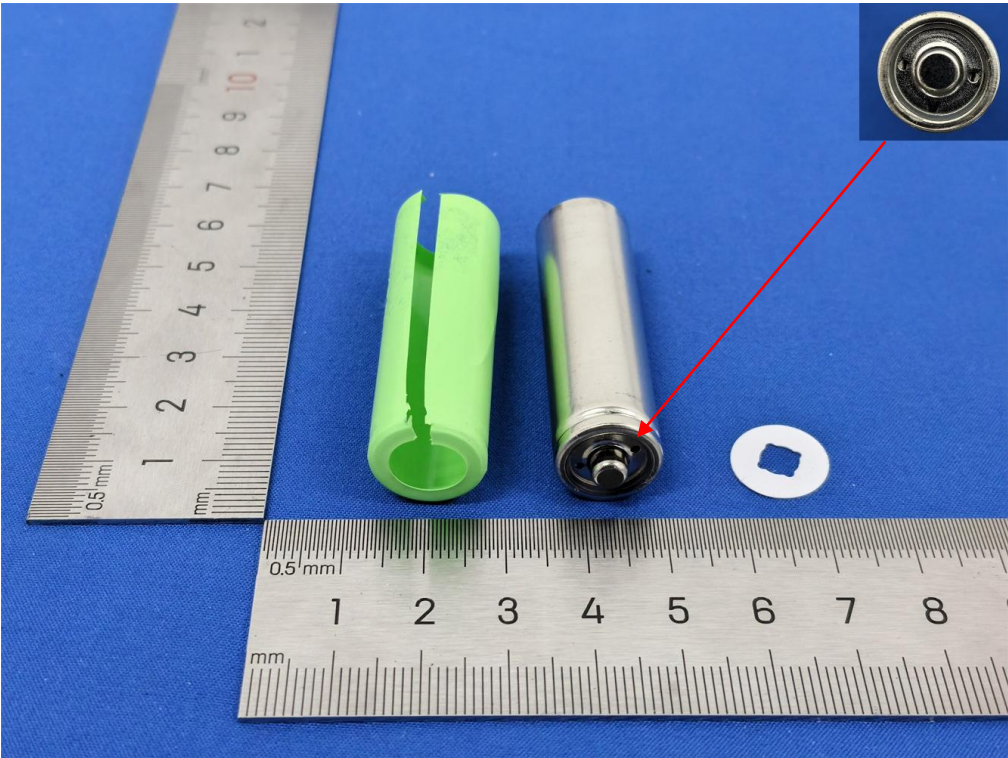
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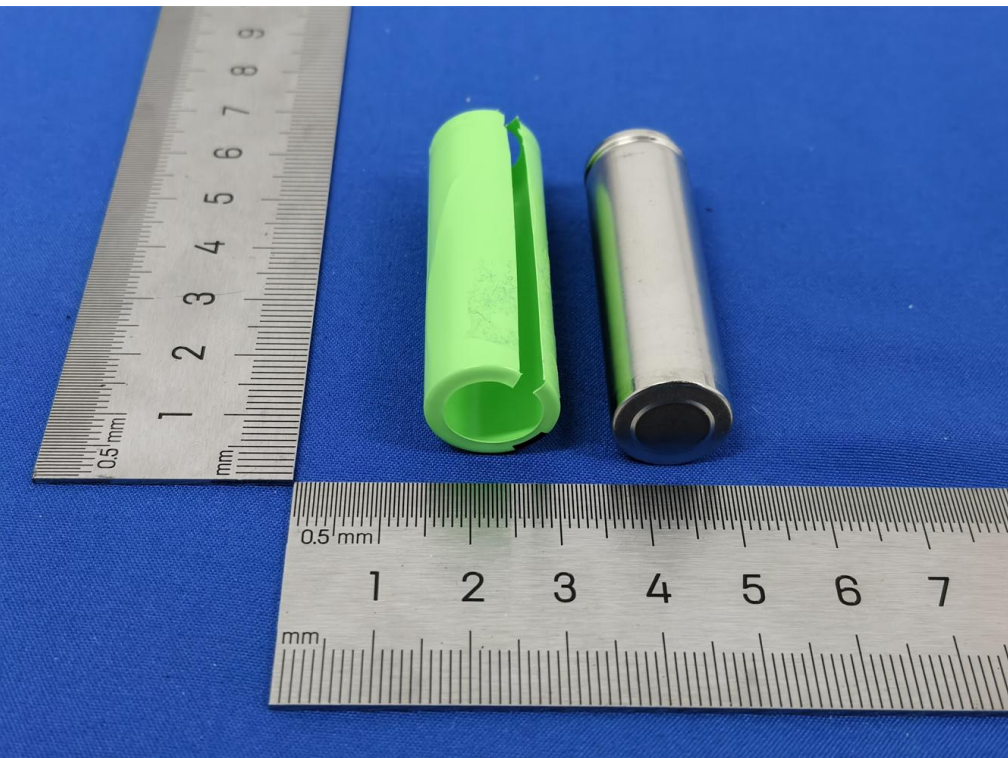
Details of:	Fig. 37. Overall view 2 of Cell, Model AA 600mAh
	

Details of:	Fig. 38. Overall view 3 of Cell, Model AA 600mAh
	

Attachment No. 1
Photo Documentation

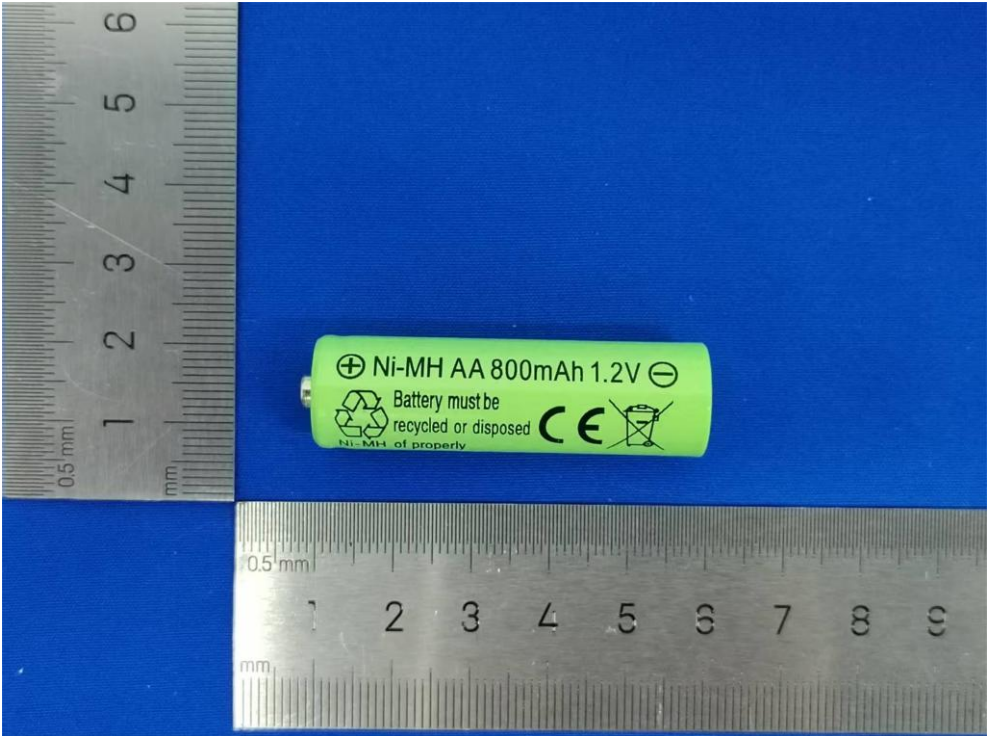
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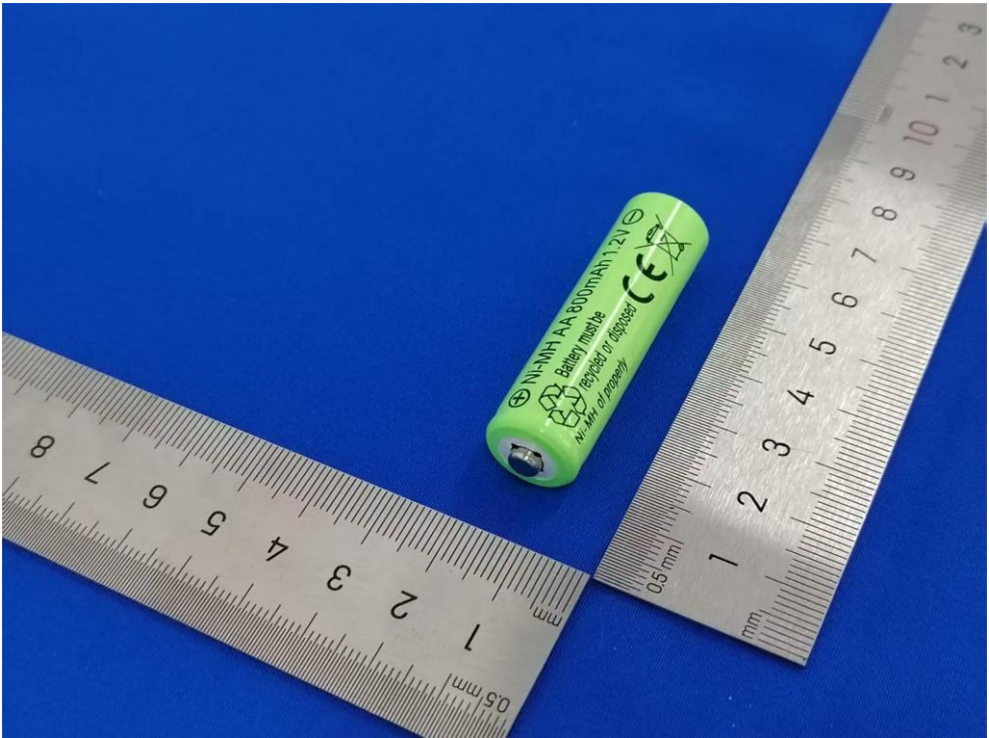
Details of:	Fig. 39. Overall view 1 of Cell with heat-shrinking tube disassembled, Model AA 600mAh
	

Details of:	Fig. 40. Overall view 2 of Cell with heat-shrinking tube disassembled, Model AA 600mAh
	

Attachment No. 1
Photo Documentation

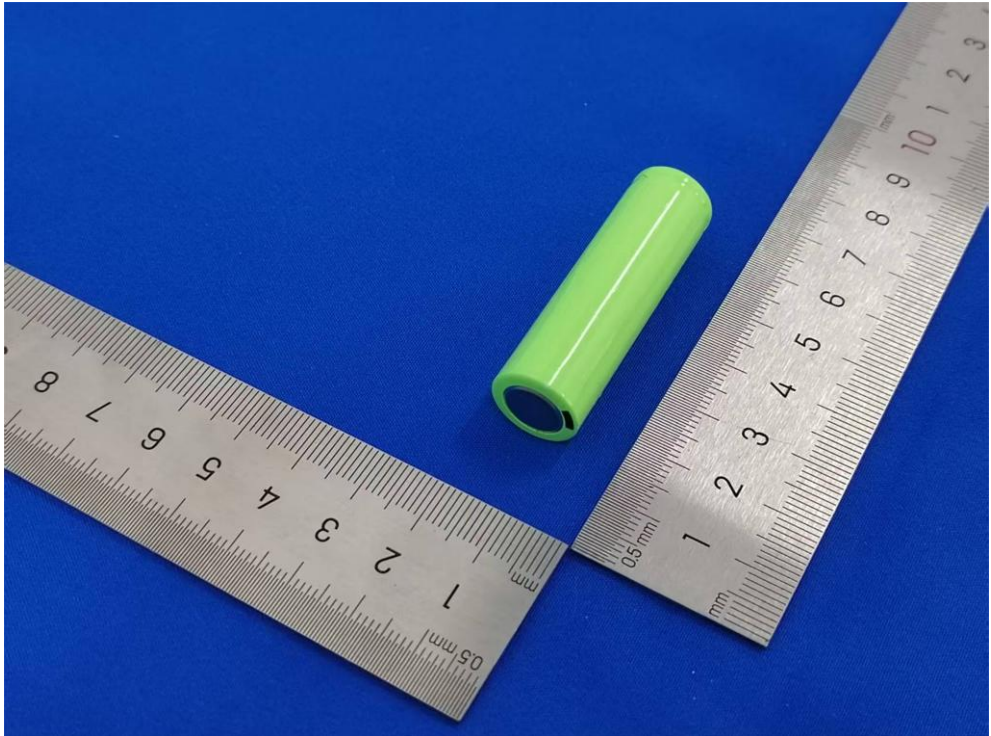
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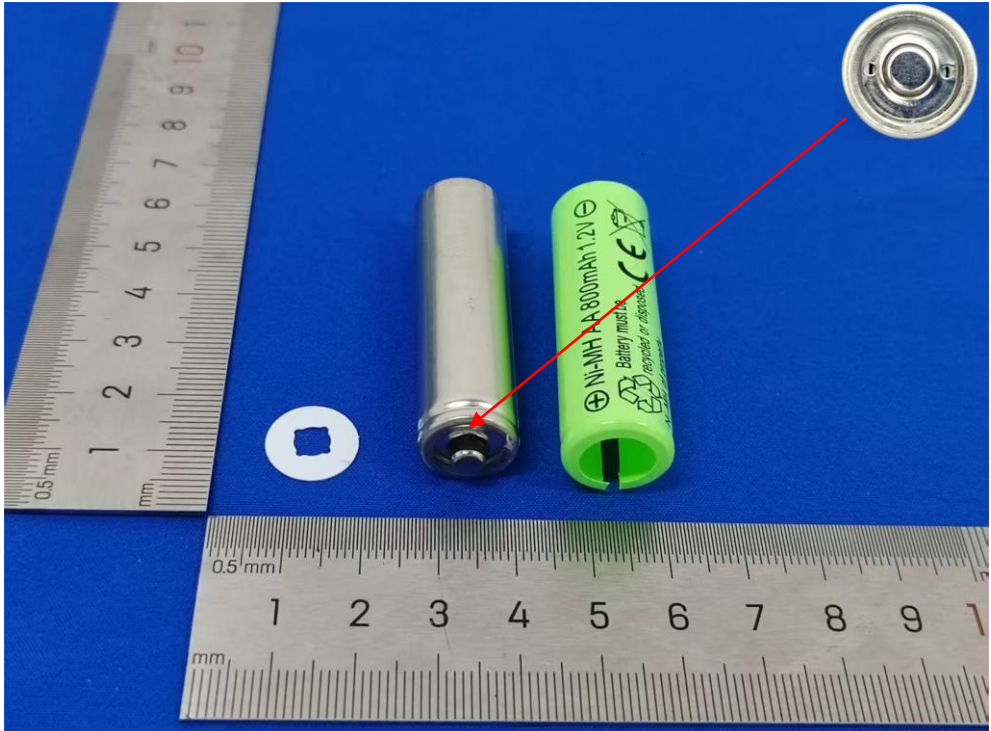
Details of:	Fig. 41. Overall view 1 of Cell, Model AA 800mAh
	 A photograph showing a green Ni-MH AA 800mAh 1.2V battery lying horizontally on a blue surface. Two metal rulers are placed around the battery for scale. One ruler is vertical on the left, showing markings from 1 to 6 cm. The other ruler is horizontal at the bottom, showing markings from 1 to 9 cm. The battery label includes a recycling symbol, the text 'Battery must be recycled or disposed', and a crossed-out incineration symbol.

Details of:	Fig. 42. Overall view 2 of Cell, Model AA 800mAh
	 A photograph showing the same green Ni-MH AA 800mAh 1.2V battery from a different angle, lying diagonally on a blue surface. Two metal rulers are placed around it for scale. One ruler is at the bottom left, showing markings from 1 to 8 cm. The other ruler is at the top right, showing markings from 1 to 10 cm. The battery label is clearly visible, showing the same recycling and disposal information as in Fig. 41.

Attachment No. 1
Photo Documentation

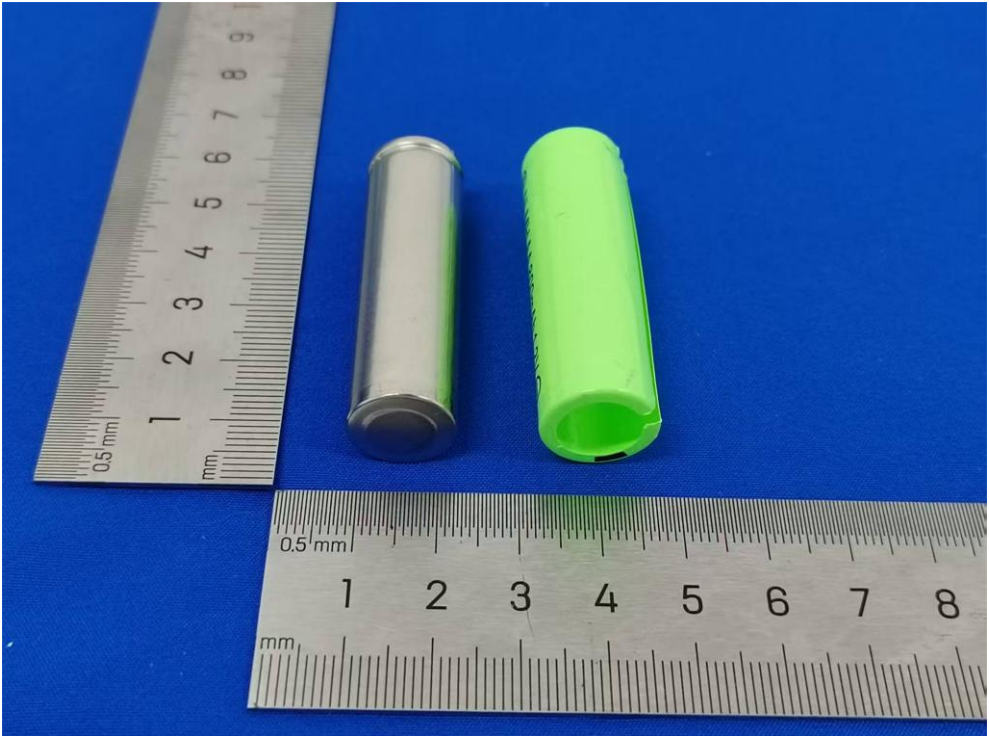
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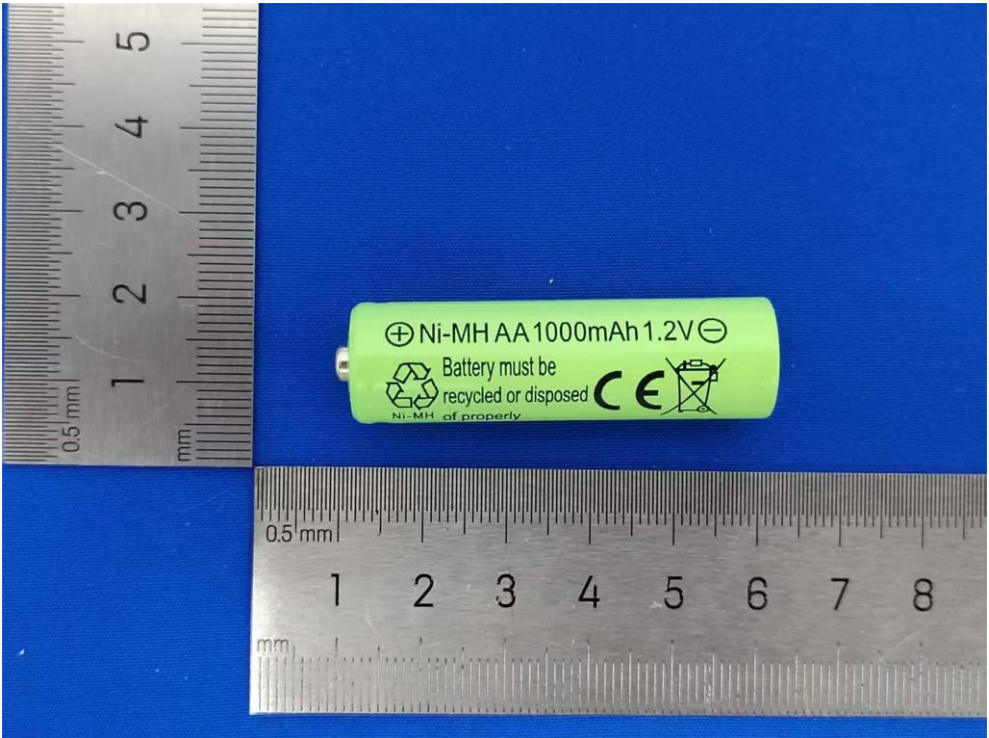
Details of:	Fig. 43. Overall view 3 of Cell, Model AA 800mAh
	 A photograph showing a bright green cylindrical cell lying horizontally on a blue surface. Two metal rulers are placed diagonally on either side of the cell for scale. The ruler on the left is marked from 0 to 8 cm, and the ruler on the right is marked from 0 to 10 cm. The cell is approximately 3.5 cm long.

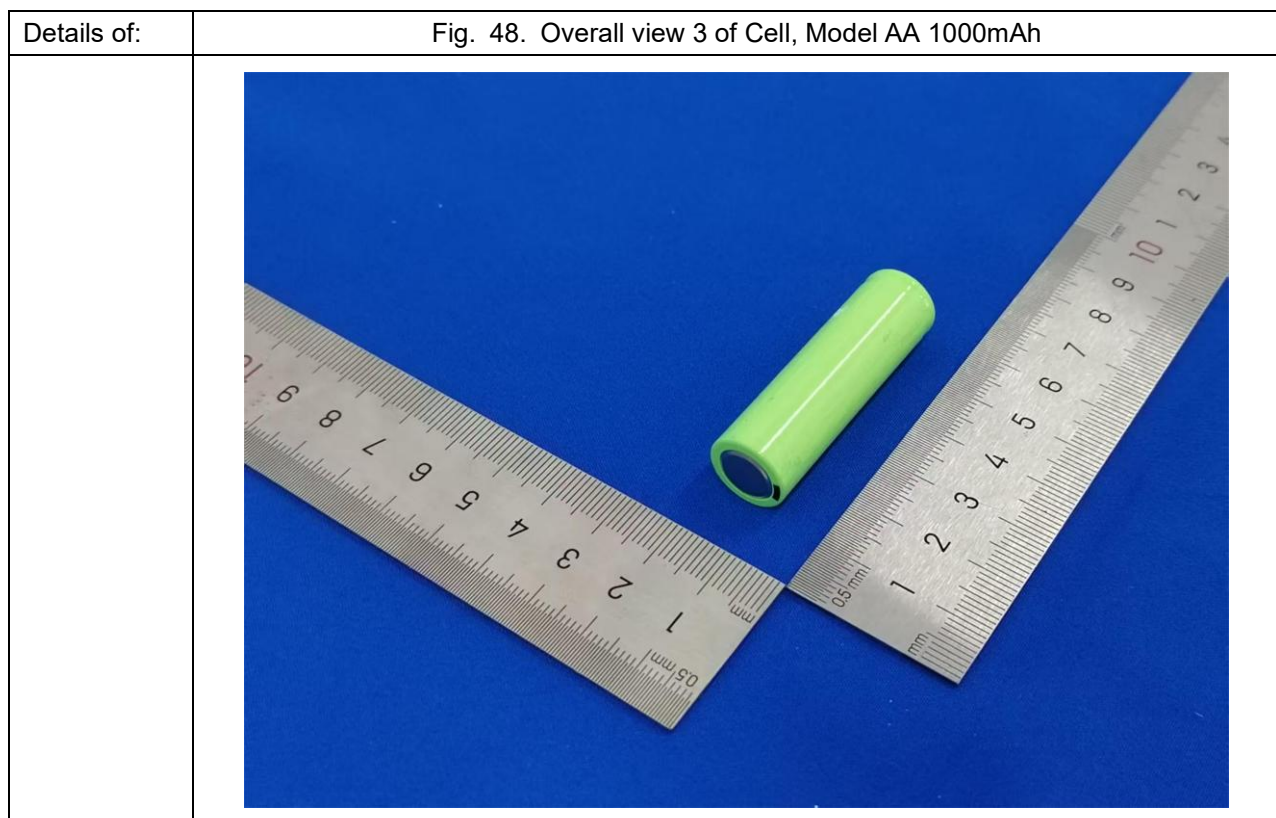
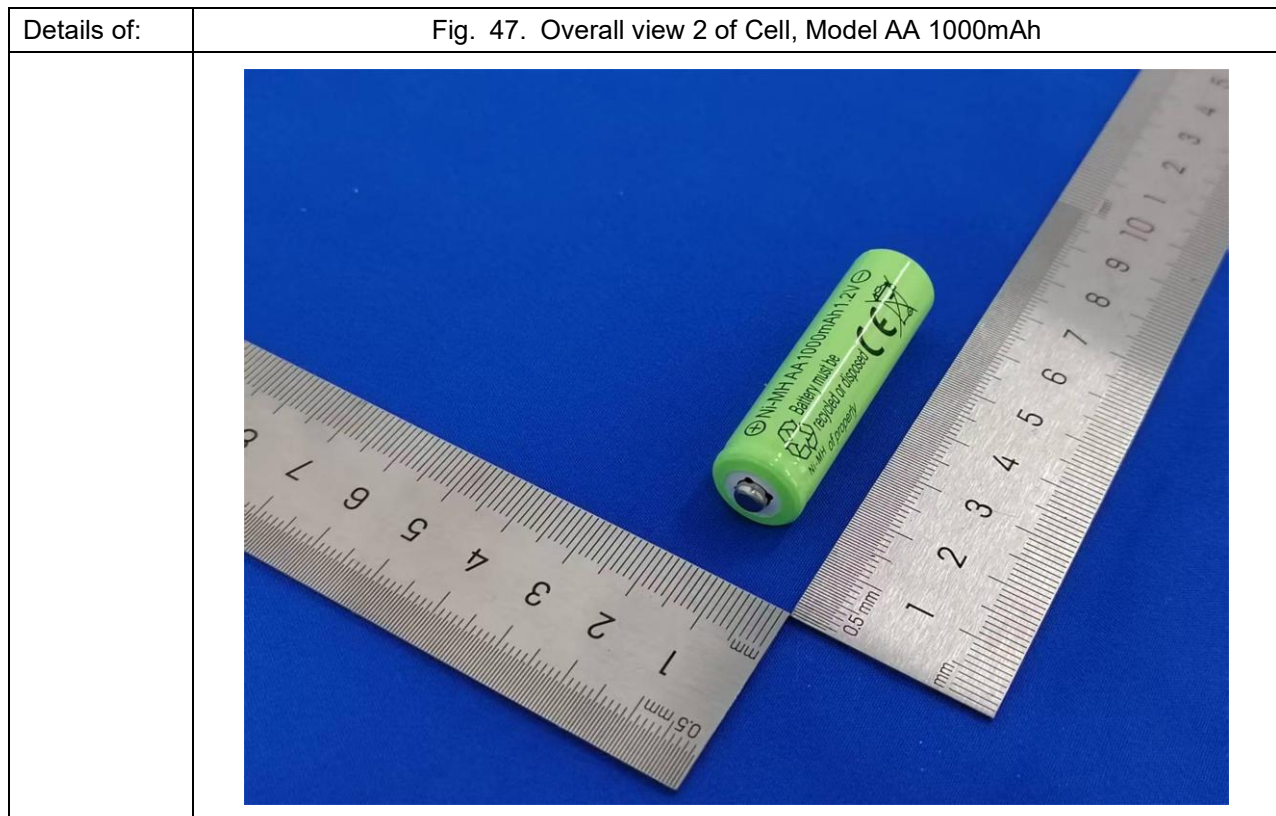
Details of:	Fig. 44. Overall view 1 of Cell with heat-shrinking tube disassembled, Model AA 800mAh
	 A photograph showing the disassembled components of the cell on a blue surface. A metal ruler is placed vertically on the left, and another is placed horizontally at the bottom. The components include a green cylindrical cell with a label that reads "NI-NH AA 800mAh 1.2V", a small white circular component, and a metal cap. A red arrow points from the metal cap to the bottom of the green cell, indicating its position when assembled.

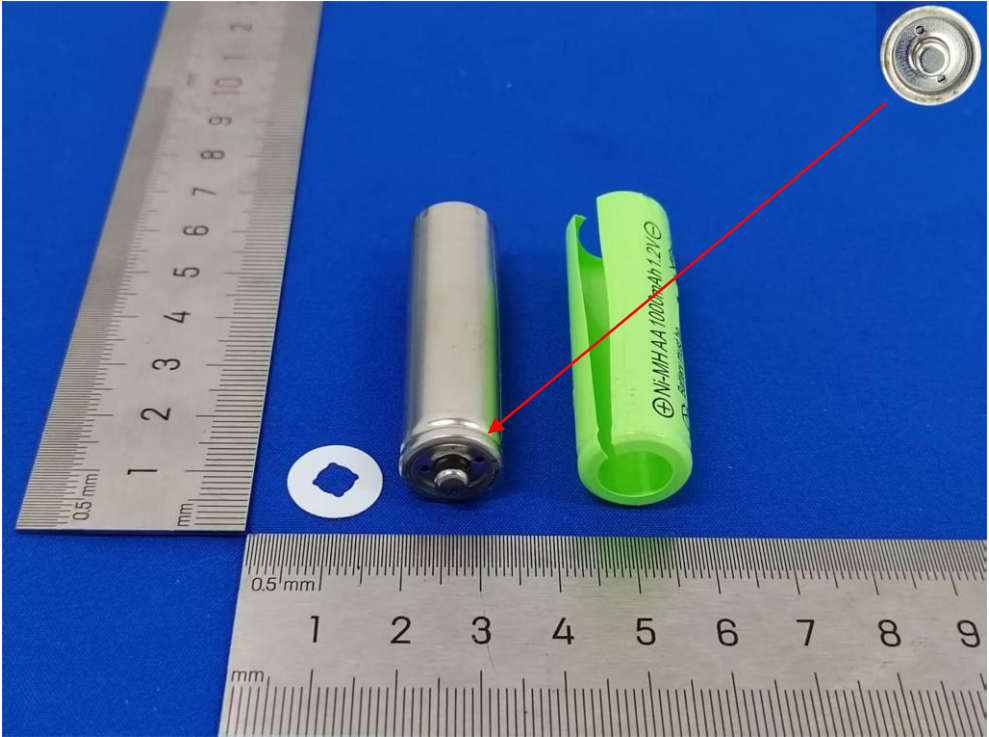
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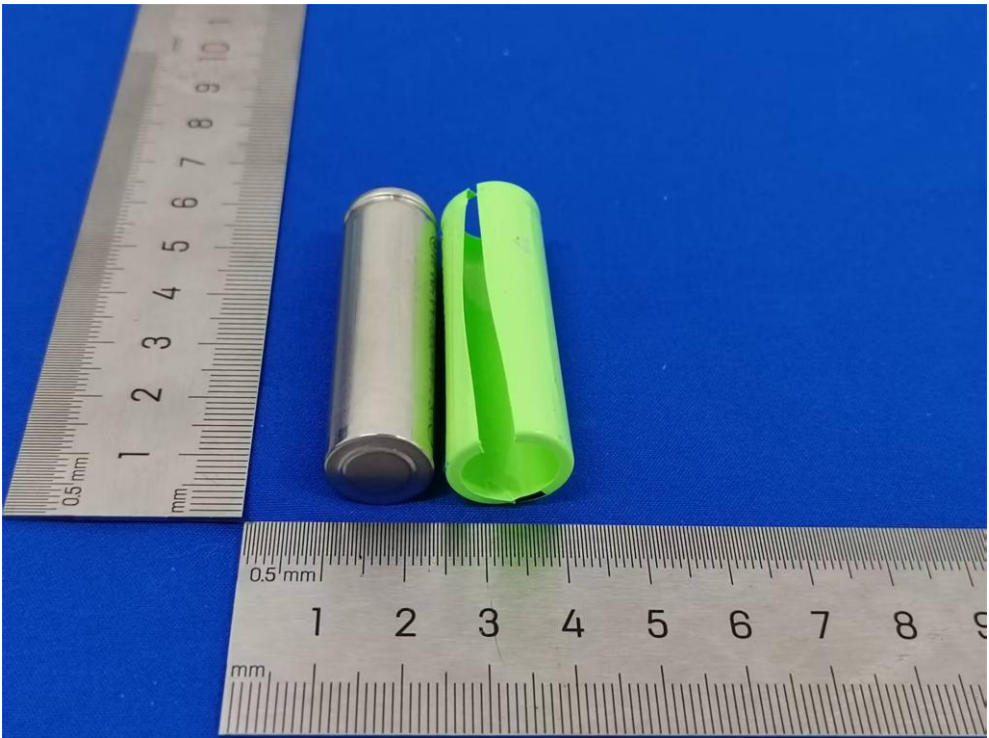
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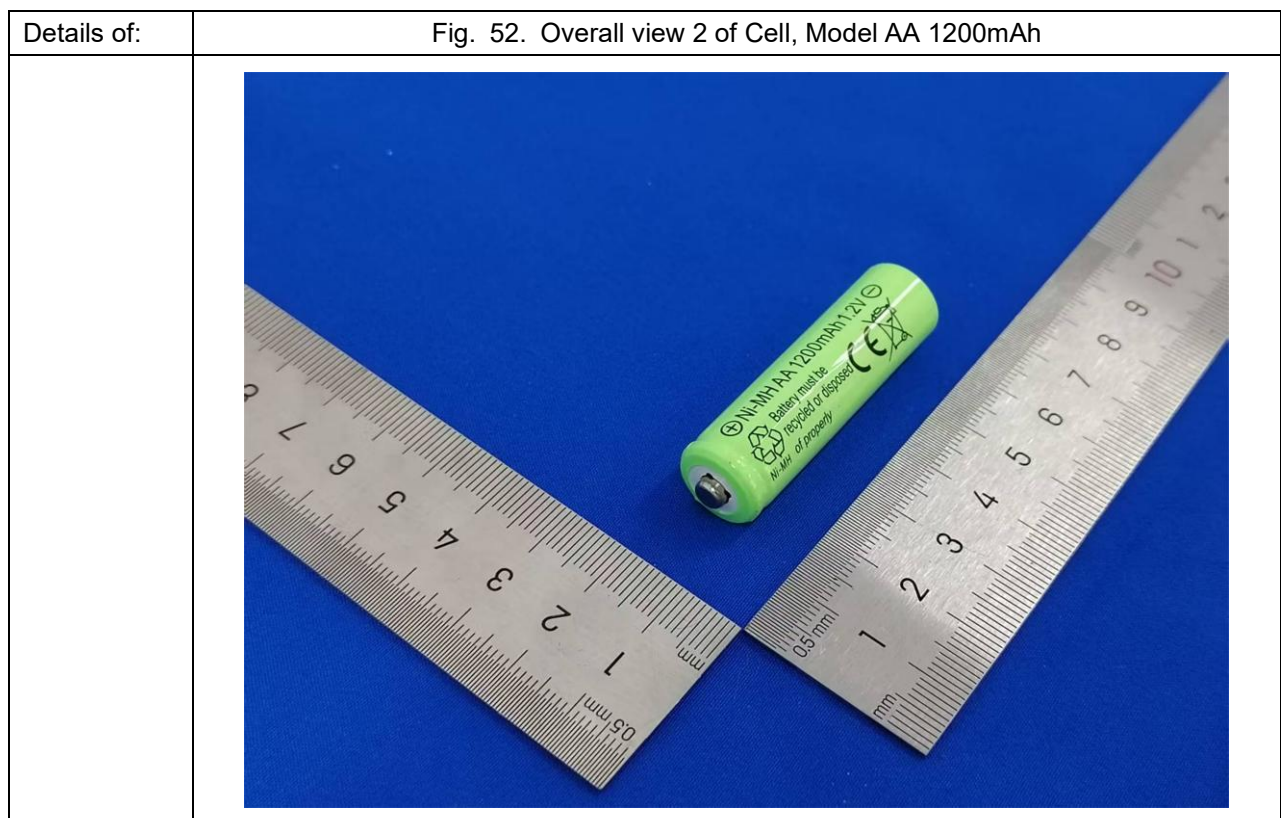
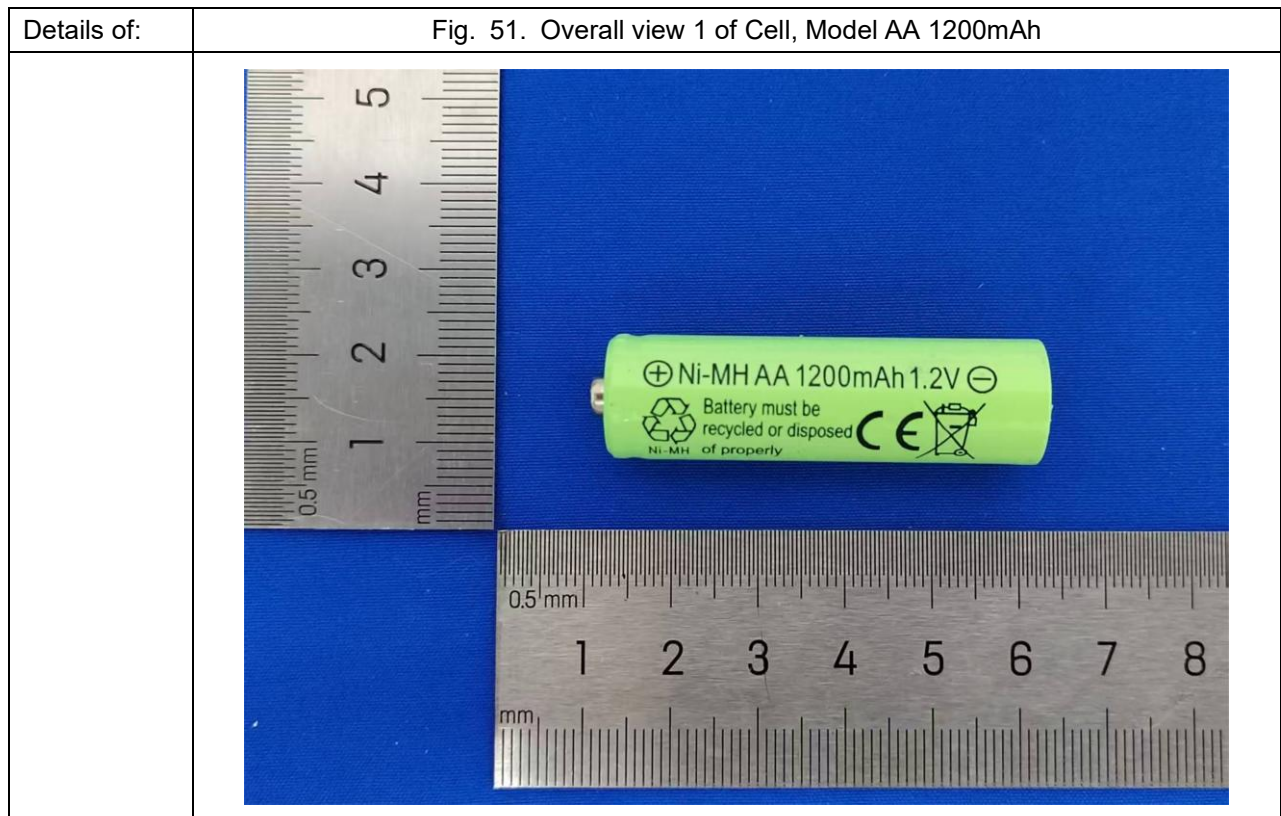
Details of:	Fig. 45. Overall view 2 of Cell with heat-shrinking tube disassembled, Model AA 800mAh
	

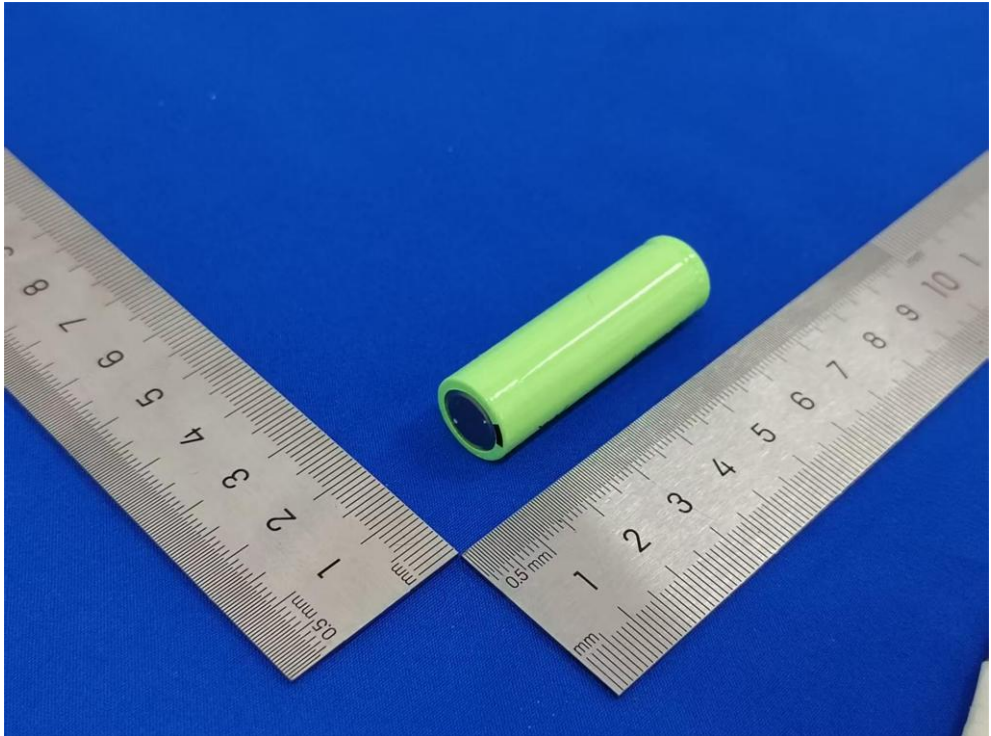
Details of:	Fig. 46. Overall view 1 of Cell, Model AA 1000mAh
	

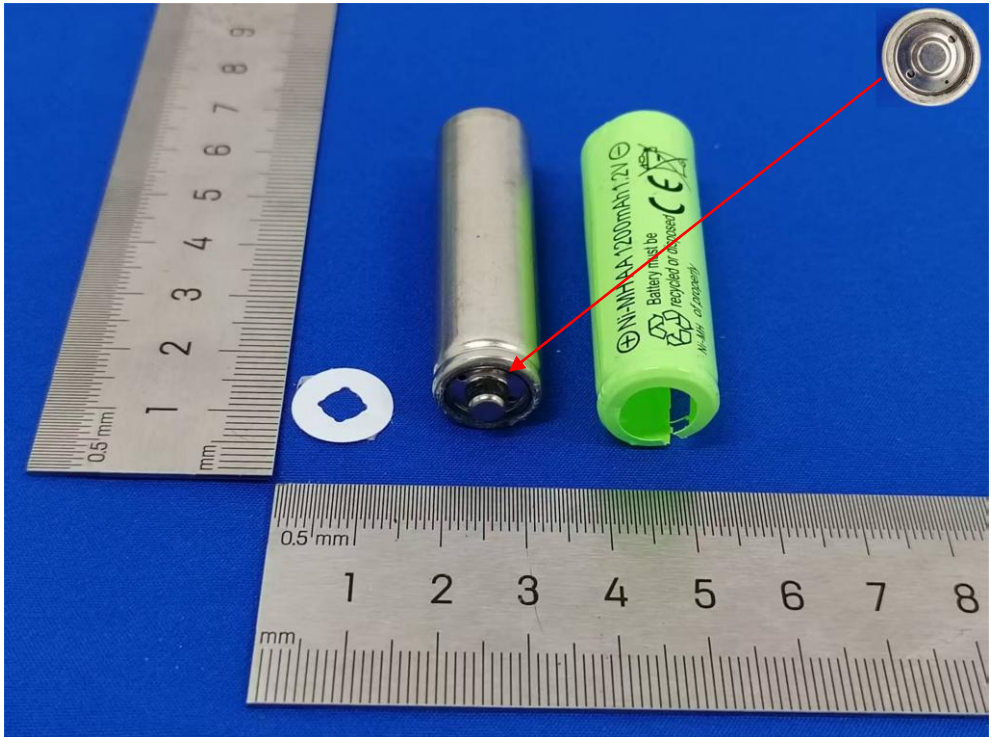


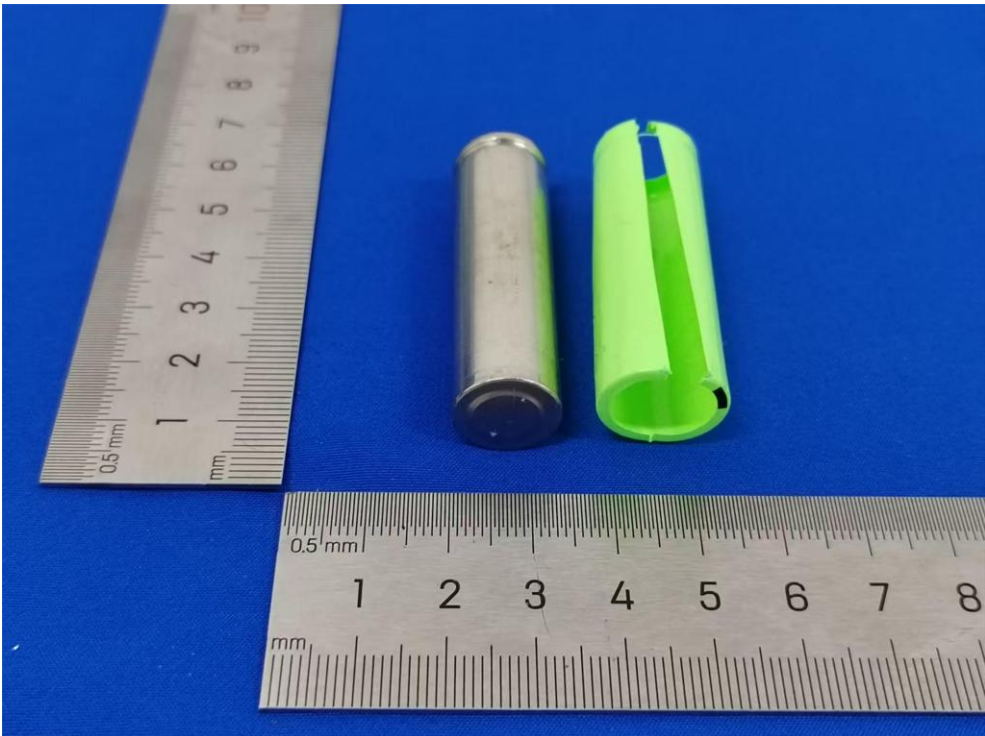
Details of:	Fig. 49. Overall view 1 of Cell with heat-shrinking tube disassembled, Model AA 1000mAh
	

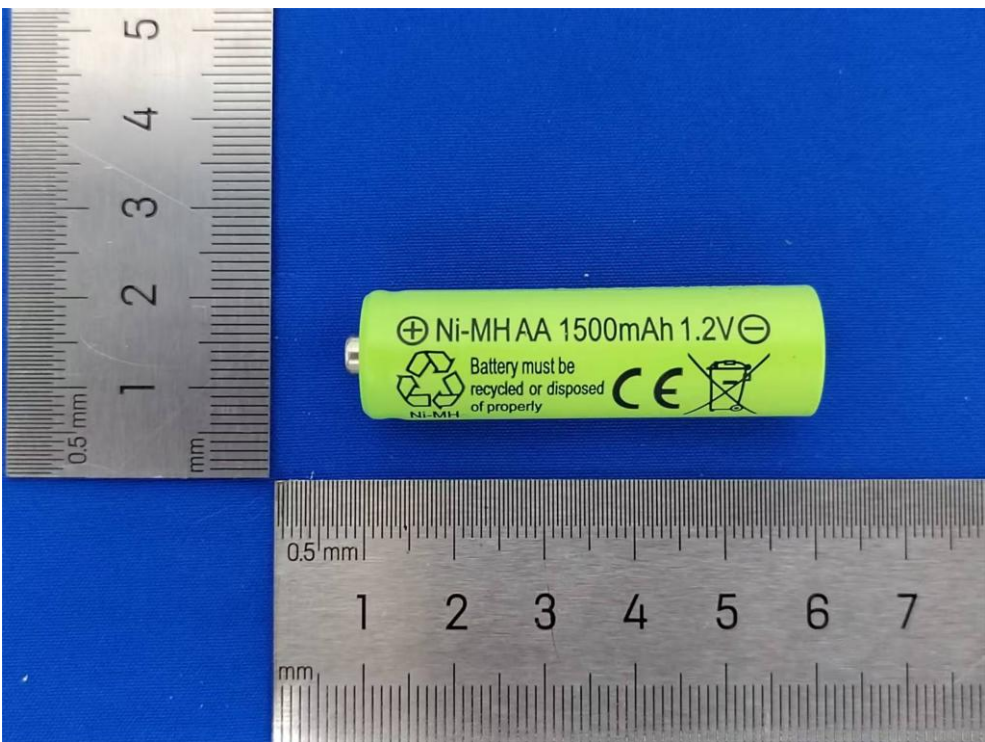
Details of:	Fig. 50. Overall view 2 of Cell with heat-shrinking tube disassembled, Model AA 1000mAh
	



Details of:	Fig. 53. Overall view 3 of Cell, Model AA 1200mAh
	 A photograph showing a single AA battery with a bright green casing. The battery is positioned horizontally between two metal rulers. The ruler on the left is marked from 0 to 8 cm, and the ruler on the right is marked from 0 to 10 cm. The background is a solid blue surface.

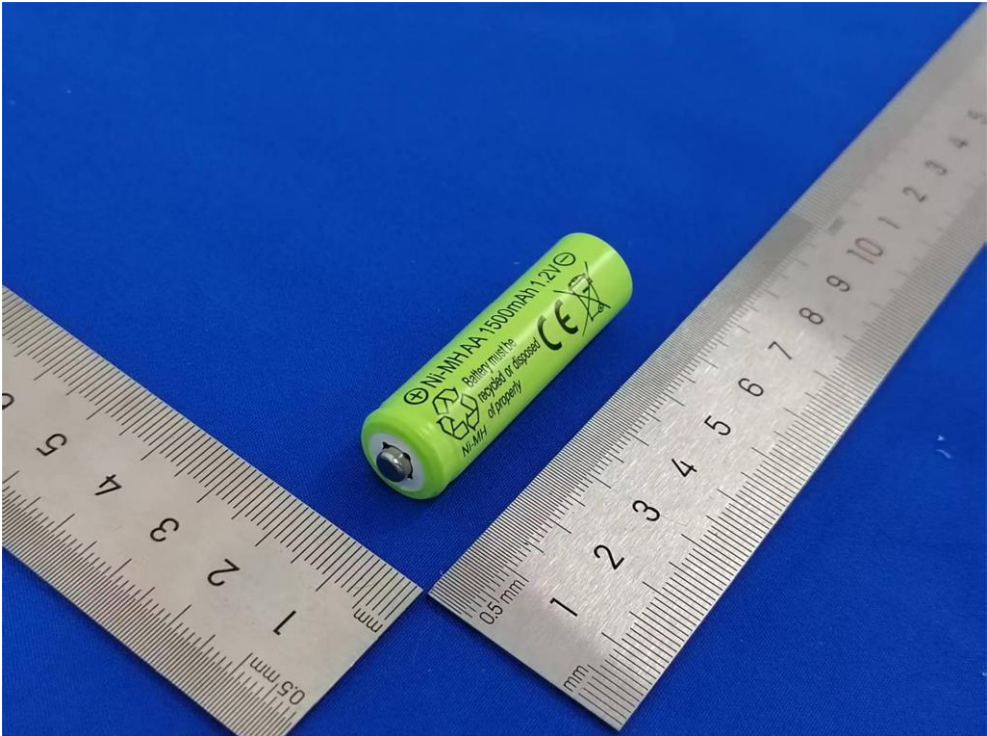
Details of:	Fig. 54. Overall view 1 of Cell with heat-shrinking tube disassembled, Model AA 1200mAh
	 A photograph showing the disassembled components of an AA battery. The components include a green plastic casing, a metal canister, a small white circular piece, and a metal terminal cap. A red arrow points from the terminal cap to the metal canister. Two metal rulers are placed around the components for scale. The ruler on the left is marked from 0 to 8 cm, and the ruler on the right is marked from 0 to 8 cm. The background is a solid blue surface.

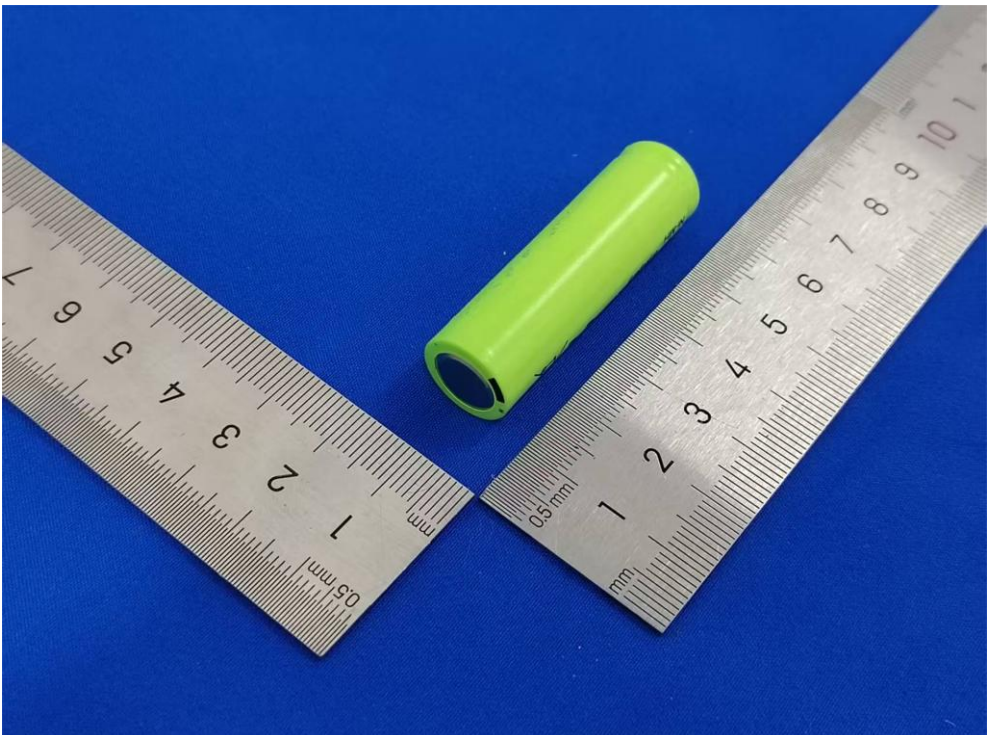
Details of:	Fig. 55. Overall view 2 of Cell with heat-shrinking tube disassembled, Model AA 1200mAh
	

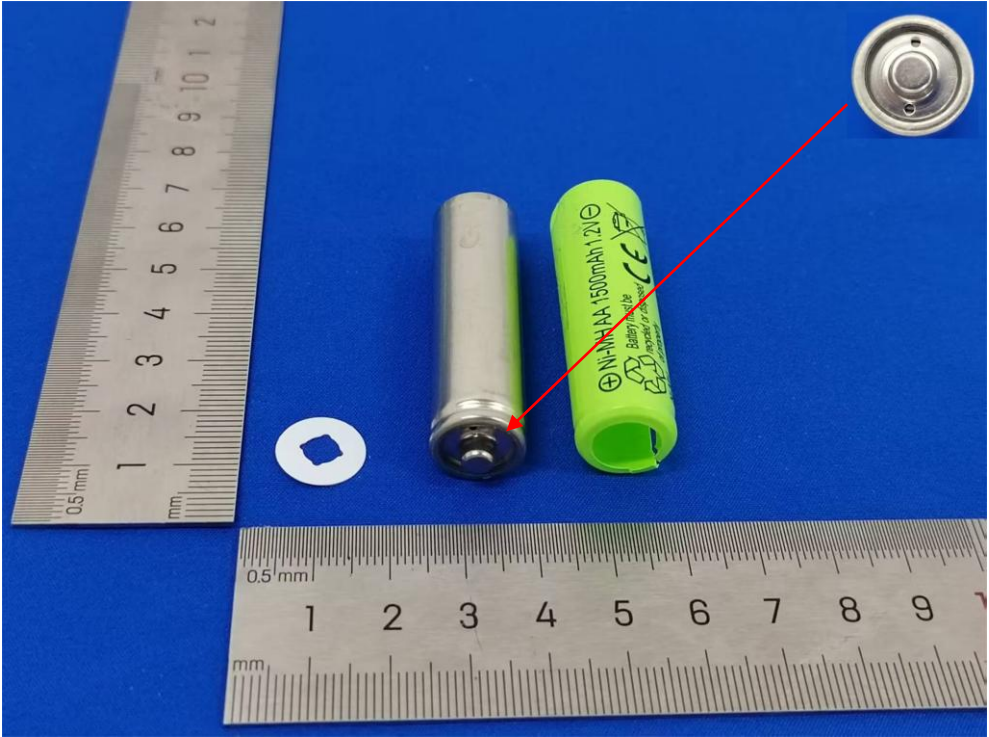
Details of:	Fig. 56. Overall view 1 of Cell, Model AA 1500mAh
	

Attachment No. 1
Photo Documentation

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Details of:	Fig. 57. Overall view 2 of Cell, Model AA 1500mAh
	

Details of:	Fig. 58. Overall view 3 of Cell, Model AA 1500mAh
	

Details of:	Fig. 59. Overall view 1 of Cell with heat-shrinking tube disassembled, Model AA 1500mAh
	

Details of:	Fig. 60. Overall view 2 of Cell with heat-shrinking tube disassembled, Model AA 1500mAh
	