

TEST REPORT
IEC 60086-4
Primary batteries
Part 4: Safety of lithium batteries

Report Number	SHES230200262701
Date of issue	2023-03-03
Total number of pages	11
Tested by (name, function, signature)	Gina Yu / Project Engineer <i>Gina Yu</i>
Approved by (name, function, signature)	Bruce Wu / Project Reviewer <i>Bruce Wu</i>
Testing Laboratory	SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.
Testing location/ address	588 West Jindu Road, Xinqiao, Songjiang, 201612 Shanghai, China
Applicant's name	SUZHOU XINLVZHOU ELECTRONICS CO., LTD.
Address	No. 158, Shanji Road, Xiangcheng District, Suzhou, Jiangsu, China
Test specification:	
Standard	IEC 60086-4: 2019 (Fifth Edition)
Test procedure	Commission testing according to the requirements of Applicant.
Non-standard test method	N/A
Test item description	LITHIUM CELL
Trade Mark	WARRIORS
Manufacturer	Same as applicant
Model/Type reference	CR2032, CR2025, CR2016, CR1632, CR1620, CR1616
Ratings	3 V



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List of Attachments (including a total number of pages in each attachment): Attachment 1: 6 pages of Photos.	
Summary of testing: Test were arranged according to IEC 60086-4: 2019 and EN IEC 60086-4:2019. No decision rule is specified by 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") Remark: CR2032, CR2025, CR2016, CR1632, CR1620 and CR1616 have the same package. After review, CR2032 was subjected to all applicable tests.	
Tests performed (name of test and test clause): ☒ Annex E (normative) Child resistant packaging of coin cells	Testing location: SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd. 588 West Jindu Road, Xinqiao, Songjiang, 201612 Shanghai, China



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Copy of marking plate:



May differ in model name.



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IEC 60086-4			
Clause	Requirement + Test	Result - Remark	Verdict

Test item particulars.....: --						
Classification of installation and use.....: --						
Supply Connection: --						
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: 2023-02-20 Date (s) of performance of tests: 2023-02-21 to 2023-02-24						
Name and address of factory (ies): Same as applicant						
General product information and other remarks: <table border="1"> <tr> <td>Product description:</td><td>LITHIUM CELL</td></tr> <tr> <td>Model:</td><td>CR2032, CR2025, CR2016, CR1632, CR1620, CR1616</td></tr> <tr> <td>Rated voltage:</td><td>3,0 V</td></tr> </table>	Product description:	LITHIUM CELL	Model:	CR2032, CR2025, CR2016, CR1632, CR1620, CR1616	Rated voltage:	3,0 V
Product description:	LITHIUM CELL					
Model:	CR2032, CR2025, CR2016, CR1632, CR1620, CR1616					
Rated voltage:	3,0 V					



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IEC 60086-4			
Clause	Requirement + Test	Result - Remark	Verdict

ANNEX E	(NORMATIVE) CHILD RESISTANT PACKAGING OF COIN CELLS		P
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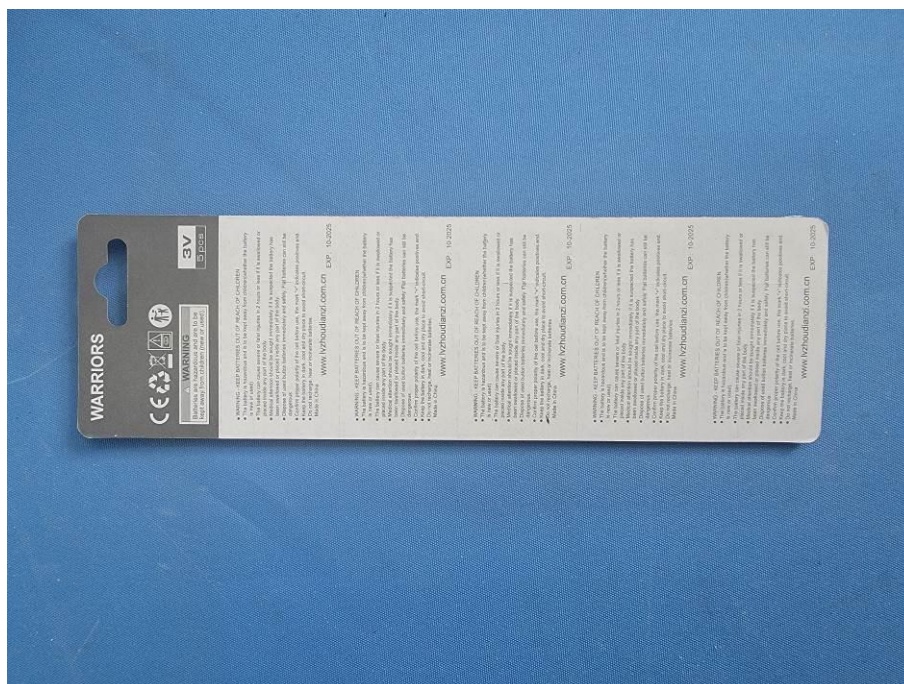


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Attachment 1: Photos
CR2032 package



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CR2025 package



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CR2016 package



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CR1632 package

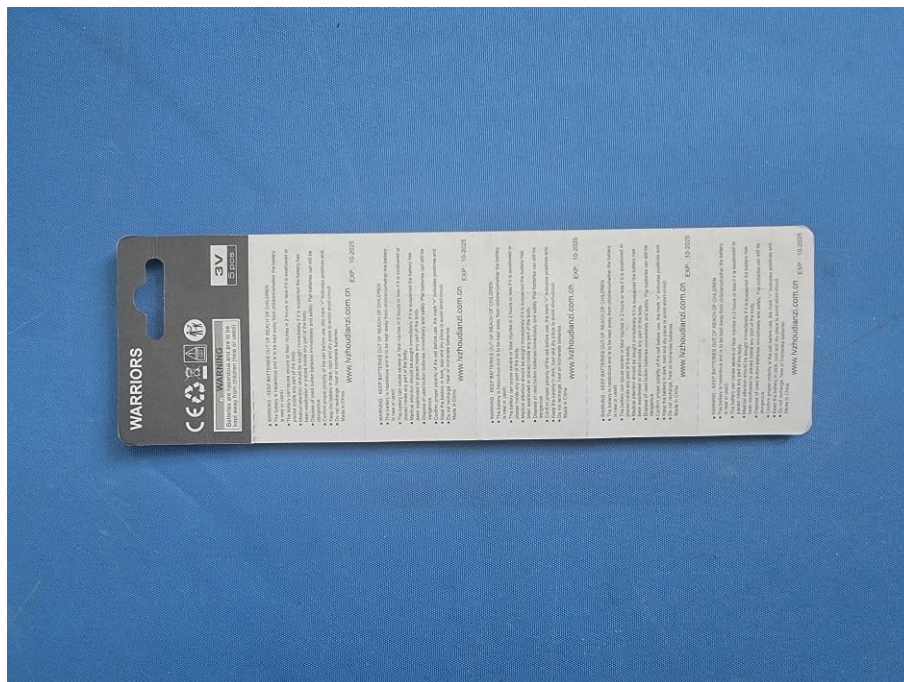


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CR1616 package



---End of report---



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