

TEST RECORD NO. 1

SAMPLES:

Samples of the Secondary Cylindrical Lithium-ion cell (INR18650-29E) as indicated below and constructed as described herein, was submitted by the manufacturer for examination and test.

Model	Cell Chemistry	Cell Shape	Nominal Voltage Rating, V dc	Capacity, Ah
INR18650-29E	$\text{LiNiCoMnO}_2 + 6\text{C} \rightleftharpoons \text{Li}_x\text{C}_6 + \text{Li}_{1-x}\text{NiCoMnO}_2$	Cylindrical	3.7	2.9

GENERAL:

Test results relate only to the items tested.

The tests of model INR18650-29E were conducted by WTDP, at SHANGHAI TRURON TESTING TECHNOLOGY CO LTD, 3F, 2F, 1F BLDG 1 NO. 685, HUIZHAN ROAD, SHANGHAI, 201815, CHINA.

The following tests were conducted on Model INR18650-29E.

TEST	Standard	Test Location
CAPACITY CHECK	ANSI/CAN/UL/ULC2580, APPENDIX D	TRURON, Huishan Road
SHORT-CIRCUIT TEST	ANSI/CAN/UL/ULC2580, APPENDIX D	TRURON, Huishan Road
OVERCHARGE TEST	ANSI/CAN/UL/ULC2580, APPENDIX D	TRURON, Huishan Road
CRUSH TEST	ANSI/CAN/UL/ULC2580, APPENDIX D	TRURON, Huishan Road
IMPACT TEST	ANSI/CAN/UL/ULC2580, APPENDIX D	TRURON, Huishan Road
SHOCK TEST	ANSI/CAN/UL/ULC2580, APPENDIX D	TRURON, Huishan Road
VIBRATION TEST	ANSI/CAN/UL/ULC2580, APPENDIX D	TRURON, Huishan Road
HEATING TEST	ANSI/CAN/UL/ULC2580, APPENDIX D	TRURON, Huishan Road
TEMPERATURE CYCLING TEST	ANSI/CAN/UL/ULC2580, APPENDIX D	TRURON, Huishan Road
LOW PRESSURE TEST	ANSI/CAN/UL/ULC2580, APPENDIX D	TRURON, Huishan Road
PROJECTILE TEST	ANSI/CAN/UL/ULC2580, APPENDIX D	TRURON, Huishan Road

The test methods and results of the above tests have been reviewed and found in accordance with the requirements in the Standard for Batteries for Use in Electric Vehicles, ANSI/CAN/UL/ULC 2580, Edition 3, Revision Date 03/31/2021.

Test Record Summary:

The results of this investigation, including construction review and testing, indicate that the products evaluated comply with the applicable requirements in the Standard for Batteries for Use in Electric Vehicles, ANSI/CAN/UL/ULC 2580, Edition 3, Revision Date 03/31/2021 and therefore, such products are judged eligible to bear UL's Mark as described on the Conclusion Page of this Report, therefore, such products are judged eligible to bear UL's Mark as described on the Conclusion Page of this Report.

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Reviewed by

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CONCLUSION

Samples of the component covered by this Report have been found to comply with the requirements covering the category and the component is found to comply with UL's applicable requirements. The description and test result in this Report are only applicable to the sample(s) investigated by UL and does not signify the product(s) described as being covered under UL's Follow-Up Service Program. When covered under UL's Follow-Up Service Program, the manufacturer is authorized to use the Recognized Marking on such products which comply with UL's Follow-Up Service Procedure and any other applicable requirements of UL LLC. The Recognized Component Mark of UL LLC on the product, or the Recognized Marking symbol on the product and the Recognized Component Mark on the smallest unit container in which the product is packaged, is the only method to identify products investigated by UL to published requirements and manufactured under UL's Recognition and Follow-Up Service.

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