

TEST RECORD NO. 1

SAMPLES:

Samples of the Lithium ion cell 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
IFR26700-45HE(t)	LiFePO ₄	Cylindrical	3.2	4.5

GENERAL:

Test results relate only to the items tested.

All tests were conducted at Shenzhen Precise Testing Technology Co Ltd (Party site number: 1475781) under WTDP program. (Address: Floor 1-5, Building 4-7, Tongfuyu Industrial Park, Aiqun Road, Shangwu Community, Shiyan Street, Bao'an District, Shenzhen, 518108, Guangdong, China).

The following tests were conducted.

Model	Test	UL 2580 Annex D, Section	Complied, Y, N Or N/A	Comments
IFR26700-45HE(t)	Capacity Check	D2.2	Y	--
	Short Circuit	D3.1	Y	--
	Overcharge	D3.2	Y	--
	Crush	D3.3	Y	--
	Impact	D3.4	Y	--
	Shock	D3.5	Y	--
	Vibration	D3.6	Y	--
	Heating	D3.7	Y	--
	Temperature Cycling	D3.8	Y	--
	Low Pressure (Altitude Simulation)	D3.9	Y	--
	Projectile	D3.10	Y	--

The test methods and results of the above tests have been reviewed and found in accordance with the requirements in the Standard for ANSI/CAN/UL/ULC 2580:2022, Batteries for Use In Electric Vehicles, Edition 3, Revision Date 06/28/2022.

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 ANSI/CAN/UL/ULC 2580:2022, Batteries for Use In Electric Vehicles, Edition 3, Revision Date 06/28/2022, and therefore, such products are judged eligible to bear specific identification marking 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. Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL.

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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