



Declaration of Conformance – Test Summary per UN38.3.5

Manufacturer:

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Test Laboratory:

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Test Report Number: 202010021

Date of Test Report: October 2, 2020

Description of Battery:

Rechargeable Lithium Ion Battery containing 9 LG Chemical INR18650MG1 2.85Ah cells in 3S3P configuration 541g, 10.8V, 8.7Ah, 94Wh

Model Number of Battery Tested: Ri2050HD29

Other Model Numbers Covered: Ri2050, Ri2050XX, Ri2050XX29, where XX can be any two letters.

Tests Conducted and Results:

Test #	Description	Date Tested	Test result
T1	Altitude Simulation	September 9, 2020	PASSED
T2	Thermal Cycling	September 17, 2020	PASSED
T3	Vibration	September 18, 2020	PASSED
T4	Shock	September 21, 2020	PASSED
T5	Short Circuit	September 22, 2020	PASSED
T6	Impact (Cell-Level test)	August 18, 2015	PASSED
T7	Overcharge	October 2, 2020	PASSED
T8	Forced Discharge (Cell-level test)	August 18, 2015	PASSED

Assembled Battery Test Requirements [38.3.3 (f) and 38.3.3 (g)]: N/A

Standard:

ST/SG/AC.10/11/Rev.7 United Nations “Manual of Tests and Criteria” Seventh Revised Edition 2019 Part III, sub-section 38.3

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