



Declaration of Conformance – Test Summary per UN38.3.5

Manufacturer:

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Test Laboratory:

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Test Report Number: 202209091

Date of Test Report: September 09, 2022

Description of Battery:

Rechargeable Lithium Ion Battery containing 8 Moli Energy INR18650-P28A 2.9Ah cells in 8S1P configuration
521g, 28.8V, 2.9Ah, 84Wh

Model Number of Battery Tested: PH3059HD29

Other Model Numbers Covered: PH3059, PH3059XX, PH3059QE29, PH3059XX29, where XX can be any two letters.

Tests Conducted and Results:

Test #	Description	Date Tested	Test result
T1	Altitude Simulation	July 18, 2022	PASSED
T2	Thermal Cycling	August 16, 2022	PASSED
T3	Vibration	August 17, 2022	PASSED
T4	Shock	September 1, 2022	PASSED
T5	Short Circuit	September 1, 2022	PASSED
T6	Impact (Cell-Level test)	July 12, 2019	PASSED
T7	Overcharge	September 9, 2022	PASSED
T8	Forced Discharge (Cell-level test)	July 12, 2019	PASSED

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

Standard:

ST/SG/AC.10/11/Rev.7

Product Compliance Engineer: Zack Morris

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