

Declaration of Conformance – Test Summary Per UN Manual of Tests and Criteria

ST/SG/AC.10/11/Rev.7/Amend.1 (2021)



The listed products have been tested in accordance with the United Nations document ST/SG/AC.10/11/Rev.7: “**Manual of Tests and Criteria**” *Seventh Revised Edition Amend.1 2021 Part III, sub-section 38.3* and found to comply with the stated criteria.

Manufacturer Information:

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Test Laboratory:

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Test Report Number: 202409231

Date of Test Report: September 23, 2024

Description of Battery:

Secondary Smart Lithium Ion Battery containing 4 Moli INR18650-P30B 3.0Ah cells in 4S 1P configuration.
Weight = 237.7 g, Nominal Voltage = 14.4V, Nominal Capacity = 3.0 Ah, Watt Hours = 43 Wh

Model Number of Battery Tested: ND3054HD30

Other Model Numbers Covered: ND3054, ND3054xx, ND3054QE30, ND3054xx30 Where ‘xx’ can be any alphanumeric character not affecting safety

Tests Conducted and Results:

Test #	Description	Date Tested	Test result
T1	Altitude Simulation	2024-08-29	PASSED
T2	Thermal Cycling	2024-09-05	PASSED
T3	Vibration	2024-09-09	PASSED
T4	Shock	2024-09-10	PASSED
T5	Short Circuit	2024-09-11	PASSED
T6	Impact (Cell-level test)	2023-07-17	PASSED
T7	Overcharge	2024-09-19	PASSED
T8	Forced Discharge (Cell-level test)	2023-07-17	PASSED

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

Standard:

ST/SG/AC.10/11/Rev.7/Amend.1 United Nations “**Manual of Tests and Criteria**” *Seventh Revised Edition Amend.1 2021 Part III, sub-section 38.3.*

Testing Analyst:

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Lab Manager:

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