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:

Inspired Energy, LLC.
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Email: enquiries1606@inspired-energy.com

Test Laboratory:

Inspired Energy, LLC.
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Test Report Number: 202408271

Date of Test Report: August 27, 2024

Description of Battery:

Secondary Smart Lithium Ion Battery containing 3 Moli INR-18650-P30B 3.0Ah cells in 3S1P configuration.
Weight = 174.3 g, Nominal Voltage = 10.8 V, Nominal Capacity = 3.0 Ah, Watt Hours = 32.4 Wh

Model Number of Battery Tested: NC3040HD30

Other Model Numbers Covered: NC3040, NC3040xx, NC3040HD30, NC3040QE30, NC3040xx30 Where 'xx' can be any alphanumeric character not affecting safety

Tests Conducted and Results:

Test #	Description	Date Tested	Test result
T1	Altitude Simulation	2024-07-22	PASSED
T2	Thermal Cycling	2024-07-29	PASSED
T3	Vibration	2024-07-30	PASSED
T4	Shock	2024-07-30	PASSED
T5	Short Circuit	2024-08-01	PASSED
T6	Impact (Cell-level test)	2022-10-21	PASSED
T7	Overcharge	2024-08-12	PASSED
T8	Forced Discharge (Cell-level test)	2022-10-21	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: **Fawn Evans**

Lab Manager: **Daniel Kane**

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