



## Declaration of Conformance – Test Summary per UN38.3.5

**Manufacturer:**

Inspired Energy, LLC.  
25440 NW 8th Place Newberry, FL 32669 USA  
(352) 472-4855 [www.inspired-energy.com](http://www.inspired-energy.com)  
Email: [enquiries1606@inspired-energy.com](mailto:enquiries1606@inspired-energy.com)

**Test Laboratory:**

Inspired Energy, LLC.  
25440 NW 8th Place Newberry, FL 32669 USA  
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**Test Report Number:** 202201131

**Date of Test Report:** January 13, 2022

**Description of Battery:**

Rechargeable Lithium Ion Battery containing 3 Moli INR18650P28A 2.8Ah cells in 3S1P configuration  
173g, 10.8V, 2.8Ah, 30Wh

**Model Number of Battery Tested:** NC3040HD29

**Other Model Numbers Covered:** NC3040, NC3040XX, NC3040QE29, NC3040XX29, where XX can be any two letters.

**Tests Conducted and Results:**

Test #	Description	Date Tested	Test result
T1	Altitude Simulation	December 15, 2021	PASSED
T2	Thermal Cycling	December 28, 2021	PASSED
T3	Vibration	December 29, 2021	PASSED
T4	Shock	December 29, 2021	PASSED
T5	Short Circuit	January 4, 2022	PASSED
T6	Impact (Cell-Level test)	July 12, 2019	PASSED
T7	Overcharge	January 13, 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.6/Amend.1 United Nations Recommendations on the Transport of Dangerous Goods Manual of Tests and Criteria Sixth revised edition Amendment 1 2017 Part III, sub-section 38.3

**Product Compliance Engineer:** Zack Morris

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