



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
Email: enquiries1606@inspired-energy.com

Test Laboratory:

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

Test Report Number: 202012101

Date of Test Report: December 10, 2020

Description of Battery:

Rechargeable Lithium Ion Battery containing 3 Moli Energy INR18650-M35A 3.45Ah cells in 3S1P configuration
173g, 10.8V, 3.4Ah, 37Wh

Model Number of Battery Tested: NC2040HD34

Other Model Numbers Covered: NC2040, NC2040QE34, NC2040XX, NC2040XX34, where XX can be any two letters.

Tests Conducted and Results:

Test #	Description	Date Tested	Test result
T1	Altitude Simulation	October 15, 2020	PASSED
T2	Thermal Cycling	October 27, 2020	PASSED
T3	Vibration	November 4, 2020	PASSED
T4	Shock	November 5, 2020	PASSED
T5	Short Circuit	November 13, 2020	PASSED
T6	Impact (Cell-Level test)	April 10, 2019	PASSED
T7	Overcharge	December 10, 2020	PASSED
T8	Forced Discharge (Cell-level test)	April 10, 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 United Nations “Manual of Tests and Criteria” Seventh Revised Edition 2019 Part III, sub-section 38.3

Product Compliance Engineer: David Hudson *David L Hudson*

The information contained within is provided for your information only. The information and recommendations set forth herein are made in good faith and are believed to be accurate as of the date of preparation. However, INSPIRED ENERGY, LLC. MAKES NO WARRANTY, EITHER EXPRESSED OR IMPLIED, WITH RESPECT TO THIS INFORMATION AND DISCLAIMS ALL LIABILITY FROM RELIANCE ON IT.