



## 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  
(352) 472-4855 [www.inspired-energy.com](http://www.inspired-energy.com)  
Email: [enquiries1606@inspired-energy.com](mailto:enquiries1606@inspired-energy.com)

**Test Report Number:** 202209271

**Date of Test Report:** September 27, 2022

### **Description of Battery:**

Rechargeable Lithium Ion Battery containing 2 Moli Energy INR18650-P28A 2.8Ah cells in 2S1P configuration  
126g, 7.2V, 2.6Ah, 19Wh

**Model Number of Battery Tested:** NB3037HD29

**Other Model Numbers Covered:** NB3037, NB3037XX, NB3037XX29, where XX can be any two letters.

### **Tests Conducted and Results:**

Test #	Description	Date Tested	Test result
T1	Altitude Simulation	August 23, 2022	PASSED
T2	Thermal Cycling	September 01, 2022	PASSED
T3	Vibration	September 15, 2022	PASSED
T4	Shock	September 15, 2022	PASSED
T5	Short Circuit	September 19, 2022	PASSED
T6	Impact (Cell-Level test)	July 12, 2019	PASSED
T7	Overcharge	September 27, 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 United Nations “Manual of Tests and Criteria” Seventh Revised Edition 2019 Part III, sub-section 38.3

**Product Compliance Engineer:** Zack Morris

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.