



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

**Manufacturer:**

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**Test Laboratory:**

Inspired Energy, LLC.  
25440 NW 8th Place Newberry, FL 32669 USA  
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**Test Report Number:** 201703211

**Date of Test Report:** Apr 7, 2017

**Description of Battery:**

Rechargeable Lithium Ion Battery containing 12 LG Chemical INR18650 S3 2.2Ah cells in 4S3P configuration  
614g, 14.4V, 6.7Ah, 97Wh

**Model Number of Battery Tested:** NL2024ED22

**Other Model Numbers Covered:** NL2024QE22, NL2024XX22, where XX can be any two letters.

**Tests Conducted and Results:**

| Test # | Description                        | Date Tested  | Test result |
|--------|------------------------------------|--------------|-------------|
| T1     | Altitude Simulation                | Mar 21, 2017 | PASSED      |
| T2     | Thermal Cycling                    | Mar 27, 2017 | PASSED      |
| T3     | Vibration                          | Mar 28, 2017 | PASSED      |
| T4     | Shock                              | Mar 28, 2017 | PASSED      |
| T5     | Short Circuit                      | Mar 29, 2017 | PASSED      |
| T6     | Impact (Cell-Level test)           | Mar 17, 2010 | PASSED      |
| T7     | Overcharge                         | Apr 7, 2017  | PASSED      |
| T8     | Forced Discharge (Cell-level test) | Mar 17, 2010 | PASSED      |

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

**Standard:**

ST/SG/AC.10/11/Rev.5 United Nations Recommendations on the Transport of Dangerous Goods Manual of Tests and Criteria Fifth revised edition Part III, sub-section 38.3

**Product Compliance Engineer:** Thomas J. Rush

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