



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

### **Manufacturer:**

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### **Test Laboratory:**

Inspired Energy, LLC.  
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**Test Report Number:** 202101221

**Date of Test Report:** January 22, 2021

### **Description of Battery:**

Rechargeable Lithium Ion Battery containing 4 LG Chemical INR21700 M50T 5.0Ah cells in 2S2P configuration  
368g, 7.2V, 10.0Ah, 72Wh

**Model Number of Battery Tested:** ND4057HD50

**Other Model Numbers Covered:** ND4057, ND4057XX and ND4057XX50, where XX can be any two letters.

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

Test #	Description	Date Tested	Test result
T1	Altitude Simulation	December 14, 2020	PASSED
T2	Thermal Cycling	January 6, 2021	PASSED
T3	Vibration	January 8, 2021	PASSED
T4	Shock	January 11, 2021	PASSED
T5	Short Circuit	January 13, 2021	PASSED
T6	Impact (Cell-Level test)	July 27, 2018	PASSED
T7	Overcharge	January 22, 2021	PASSED
T8	Forced Discharge (Cell-level test)	July 27, 2018	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*

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