



## 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:** 202011201

**Date of Test Report:** November 20, 2020

**Description of Battery:**

Rechargeable Lithium Ion Battery containing 8 Moli Energy INR18650-M35A 3.45Ah cells in 4S2P configuration  
508g, 14.4V, 6.8Ah, 98Wh

**Model Number of Battery Tested:** RH2054HD34

**Other Model Numbers Covered:** RH2054, RH2054XX, RH2054XX34, where XX can be any two letters.

**Tests Conducted and Results:**

Test #	Description	Date Tested	Test result
T1	Altitude Simulation	October 28, 2020	PASSED
T2	Thermal Cycling	November 5, 2020	PASSED
T3	Vibration	November 10, 2020	PASSED
T4	Shock	November 10, 2020	PASSED
T5	Short Circuit	November 11, 2020	PASSED
T6	Impact (Cell-Level test)	April 10, 2019	PASSED
T7	Overcharge	November 20, 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*

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