



## 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:** 201811151

**Date of Test Report:** Nov 15, 2018

**Description of Battery:**

Rechargeable Lithium Ion Battery containing 8 LG Chemical INR18650F1L 3.35Ah cells in 8S1P configuration  
520g, 28.8V, 3.4Ah, 98Wh

**Model Number of Battery Tested:** PH2059HD34

**Other Model Numbers Covered:** PH2059, PH2059XX, PH2059XX34, where XX can be any two letters.

**Tests Conducted and Results:**

Test #	Description	Date Tested	Test result
T1	Altitude Simulation	Sept 20, 2018	PASSED
T2	Thermal Cycling	Oct 2, 2018	PASSED
T3	Vibration	Oct 5, 2018	PASSED
T4	Shock	Oct 15, 2018	PASSED
T5	Short Circuit	Oct 19, 2018	PASSED
T6	Impact (Cell-Level test)	Mar 20, 2015	PASSED
T7	Overcharge	Nov 15, 2018	PASSED
T8	Forced Discharge (Cell-level test)	Mar 20, 2015	PASSED

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

**Standard:**

ST/SG/AC.10/11/Rev.6/Amend.1 United Nations Recommendations on the Transport of Dangerous Goods Manual of Tests and Criteria Sixth revised edition Amendment 1 2017 Part III, sub-section 38.3

**Product Compliance Engineer:** David Hudson *David L Hudson*

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