



## Declaration of Conformance – Test Summary per UN38.3.7

**Manufacturer:**

Inspired Energy, LLC.  
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**Test Laboratory:**

Inspired Energy, LLC.  
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**Test Report Number:** 202206201

**Date of Test Report:** June 20, 2022

**Description of Battery:**

Rechargeable Lithium Ion Battery containing 8 Moli Energy INR18650-P28A 2.9Ah cells in 4S2P configuration  
510g, 14.4V, 5.8Ah, 84Wh

**Model Number of Battery Tested:** PH3054HD29

**Other Model Numbers Covered:** PH3054, PH3054XX, PH3054QE29, PH3054XX29, where XX can be any two letters.

**Tests Conducted and Results:**

Test #	Description	Date Tested	Test result
T1	Altitude Simulation	May 25, 2022	PASSED
T2	Thermal Cycling	June 2, 2022	PASSED
T3	Vibration	June 6, 2022	PASSED
T4	Shock	June 6, 2022	PASSED
T5	Short Circuit	June 7, 2022	PASSED
T6	Impact (Cell-Level test)	July 12, 2019	PASSED
T7	Overcharge	June 20, 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

**Product Compliance Engineer:** Zack Morris

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