



## 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  
(352) 472-4855 [www.inspired-energy.com](http://www.inspired-energy.com)  
Email: [enquiries1606@inspired-energy.com](mailto:enquiries1606@inspired-energy.com)

**Test Report Number:** 202102231

**Date of Test Report:** February 23, 2021

**Description of Battery:**

Rechargeable Lithium Ion Battery containing 4 Moli Energy INR18650-P26A 2.6Ah cells in 2S2P configuration  
308g, 7.2V, 5.2Ah, 37Wh

**Model Number of Battery Tested:** PD3077HD26

**Other Model Numbers Covered:** PD3077XX26, where XX can be any two letters.

**Tests Conducted and Results:**

Test #	Description	Date Tested	Test result
T1	Altitude Simulation	January 20, 2021	PASSED
T2	Thermal Cycling	January 28, 2021	PASSED
T3	Vibration	February 2, 2021	PASSED
T4	Shock	February 4, 2021	PASSED
T5	Short Circuit	February 11, 2021	PASSED
T6	Impact (Cell-Level test)	June 25, 2019	PASSED
T7	Overcharge	February 23, 2021	PASSED
T8	Forced Discharge (Cell-level test)	June 25, 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*

The information contained within is provided for your information only. The information and recommendations set forth herein are made in good faith and are believed to be accurate as of the date of preparation. However, INSPIRED ENERGY, LLC. MAKES NO WARRANTY, EITHER EXPRESSED OR IMPLIED, WITH RESPECT TO THIS INFORMATION AND DISCLAIMS ALL LIABILITY FROM RELIANCE ON IT.