



**Manufacturer:**

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**Test Laboratory:**

Inspired Energy, LLC.  
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**Test Report Number:** 202106181

**Date of Test Report:** June 18, 2021

**Description of Battery:**

Rechargeable Lithium Ion Battery containing 9 Moli Energy INR18650-P28A 2.8Ah cells in 3S3P configuration  
473.07g, 10.8V, 8.7Ah, 94Wh

**Model Number of Battery Tested:** Ni2040ED29

**Other Model Numbers Covered:** Ni2040, Ni2040XX, Ni2040QE29 & Ni2040XX29, where XX can be any two letters.

**Tests Conducted and Results:**

Test #	Description	Date Tested	Test result
T1	Altitude Simulation	May 17, 2021	PASSED
T2	Thermal Cycling	May 26, 2021	PASSED
T3	Vibration	June 8, 2021	PASSED
T4	Shock	June 8, 2021	PASSED
T5	Short Circuit	June 9, 2021	PASSED
T6	Impact (Cell-Level test)	July 12, 2019	PASSED
T7	Overcharge	June 18, 2021	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 United Nations "Manual of Tests and Criteria" Seventh Revised Edition 2019 Part III, sub-section 38.3

*David L Hudson*

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