

Manufacturer:

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Test Laboratory:

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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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