

## Lithium Battery Test Summary

Lithium Cells or Batteries Test Summary in Accordance with Sub-Section 38.3 of UN Manual of Tests & Criteria a) Name of Battery Manufacturer b) Battery Manufacturers Contact Information Ultralife Corporation Ultralife Corporation 2000 Technology Parkway Newark, NY 14513 USA Web: www.ultralifecorporation.com Telephone: +1 (800) 332-5000 Email: Orders@ulbi.com c) Name & Contact Details of Test Laboratory d) Test Report Identification Number Ultralife Corporation 2000 Technology Parkway UNTR-0031A Newark, NY 14513 USA e) Date of Test Report Web: www.ultralifecorporation.com Telephone: +1 (800) 332-5000 21 DECEMBER 2018 Email: orders@ulbi.com f) Description of Battery g) List of Tests Conducted Type: Li-Ion, Secondary Altitude Simulation **PASS** Model: **UBI-2590** T2 Thermal Test **PASS** UBBL02-01, UBBL02-01-CB, UBBL10-01, UBBL10-01-CB, Part Number: Т3 Vibration **PASS** UBBL13-01, UBBL13-01-CB, 6140-01-640-8702 Brand: Ultralife Corporation T4 Shock **PASS** Voltage (V) / Capacity (Ah): 28.8/14.4V 10/20Ah T5 **External Short Circuit PASS** Watt-Hour (Wh) or 288 Wh T6 Impact / Crush NA Lithium Weight (g) T7 Complete Battery Mass (g) 1451 g Overcharge **PASS** Nominal Dimensions (mm) 127 x 112.5 x 63 Forced Discharge NA h) Reference to Assembled Battery Testing Requirements i) Reference to Manual of Tests & Criteria (inc. Amend.) UN Manual of Tests & Criteria Part III, Subsection 38.3, 38.3.3 (f) Not applicable Lithium Metal & Lithium Ion Batteries, 38.3.3 (g) Not applicable UN ST/SG/AC.10/11/Rev. 5 i) Signature Image of Battery Pack Date: 18000019 John Nielsen 'Ultralife Quality Manager) Important! This document remains valid if no changes, modifications, or additions are made to the model(s) described in this document. The model(s) have been classified according to the applicable transport regulations & the UN Manual of Tests & Criteria as of the date of the certification. The model(s) must be packaged, labelled & documented according to country & other international regulations for transportation.

Important! The above signatory / signatories affirm that this document is a true and correct summary of the original individual tests and test data. The original test data is confidential information available to competent State Authorities with valid identification and only upon their formal request. Disclosure of the original test data to any other entity upon its request will be considered by Ultralife and, should Ultralife consider this request is with merit, may be subject to the prior execution of a nondisclosure agreement.

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