

UN 38.3 TEST REPORT SUMMARY

We herewith confirm that each battery of this type is proved to meet the requirements of applicable tests in the UN Manual of Tests and Criteria ST/SG/AC.10/11/Rev.7, Part III, Sub-Section 38.3.

In the following, lithium battery test summary according to Sub-Section 38.3.5

(a), (b) Manufacturer: Green Cubes Technology
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United States of America
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E-Mail: info@greencubes.com
Webpage: www.greencubes.com

Manufacturer locations:

Green Cubes Technology GmbH Sonnenbergstrasse 14, 8610 Uster, Switzerland	Phone: +41.44.512.2400 info@greencubes.com www.greencubes.com	Asteelflash Hersfeld GmbH Konrad-Zuse-Straße 19 – 21, 36251 Bad Hersfeld, Germany	Phone: +49 6621 84 201 info@greencubes.com www.greencubes.com
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Customer: DEKRA Certification B.V.
Meander 1051
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Phone: +31 88 96 83358
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E-Mail: product.certification@dekra.com
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(c) Test laboratory: Batteryuniversity GmbH
Am Sportplatz 30
63791 Karlstein am Main
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Phone: +49 6188 – 99410-0
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E-Mail: mail@bu-lab.eu
Webpage: www.bu-lab.eu

(d) Report reference no.: BU-202200344-B3

(e) Date of test report: December 2, 2022

(f) Description of devices under test:

(i) Type:	Lithium ion batteries
(ii) Mass of battery:	51.41 kg
(iii) Watt-hour rating:	5040 Wh
(iv) Physical description:	15IFpP37/131/201; rechargeable battery
(v) Model numbers:	GBU-3U1948105L & GBU-3U1948105LA

(g) Performed tests:

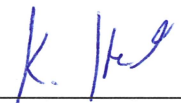
T.1 Altitude simulation:	Passed
T.2 Thermal test:	Passed
T.3 Vibration:	Passed
T.4 Shock:	Passed
T.5 External short circuit:	Passed
T.6 Impact/Crush:	Not applicable
T.7 Overcharge:	Passed
T.8 Forced discharge:	Not applicable

(h) Reference to assembled battery testing requirements: Not applicable

(i) Applied standard: UN ST/SG/AC.10/11/Rev.7
Recommendations of the TRANSPORT OF DANGEROUS GOODS, Manual of Tests and Criteria, Part III, section 38.3, Lithium metal and lithium ion batteries

(j) Signature:

December 2, 2022


Klaus Heck, Managing Director