

DECLARATION OF CONFORMITY UN38.3

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.6/Corr.1, Part III, Sub-Section 38.3.

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

- (a), (b) Manufacturer: BMZ GmbH
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Germany
Phone: +49 (0) 6188-9956-0
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E-Mail: kontakt@bmz-group.com
Webpage: www.bmz-group.com
- Customer: BMZ GmbH
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63791 Karlstein am Main
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Phone: +49 (0) 6188-9956-0
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E-Mail: kontakt@bmz-group.com
Webpage: www.bmz-group.com
- (c) Test laboratory: Batteryuniversity GmbH
Am Sportplatz 30
63791 Karlstein am Main
Germany
Phone: +49 (0)6188 – 99410-0
Fax: +49 (0)6188 – 99410-20
E-Mail: mail@bu-lab.eu
Webpage: www.bu-lab.eu
- (d) Report reference no.: BU-20190046-B3-SYS
- (e) Date of test report: August 30, 2019
- (f) Description of devices under test:
- (i) Type: Lithium-ion batteries
 - (ii) Mass: 97 kg
 - (iii) Watt-hour rating: 9,000 Wh
 - (iv) Physical description: 15S54P, BMZ 18650 30E
55.05 V rechargeable battery
 - (v) Model numbers: ESS Z
- (g) Performed tests:
- (i) Overcharge: Passed
 - (ii) External short circuit: Passed
 - (iii) Over discharge between the batteries: Passed
- (h) Reference to assembled battery testing requirements: 38.3.3 (g) see UN test report BU-201900406-B1
- (i) Applied standard: UN ST/SG/AC.10/11/Rev.6, Corr.1
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:

March 29, 2021

Sven Bauer, CEO