

## 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/Amend.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 Batterie-Montage-Zentrum GmbH Phone: +49 (0) 6188 9956-0  
Am Sportplatz 28 Fax: +49 (0) 6188 9956-900  
63791 Karlstein am Main E-Mail: [kontakt@bmz-group.com](mailto:kontakt@bmz-group.com)  
Germany Webpage: [www.bmz-group.com](http://www.bmz-group.com)
- Customer: BMZ Batterie-Montage-Zentrum GmbH Phone: +49 (0) 6188 9956-0  
Am Sportplatz 28 Fax: +49 (0) 6188 9956-900  
63791 Karlstein am Main E-Mail: [kontakt@bmz-group.com](mailto:kontakt@bmz-group.com)  
Germany Webpage: [www.bmz-group.com](http://www.bmz-group.com)
- (c) Test laboratory: Batteryuniversity GmbH Phone: +49 (0)6188 – 99410-0  
Am Sportplatz 30 Fax: +49 (0)6188 – 99410-20  
63791 Karlstein am Main E-Mail: [mail@bu-lab.eu](mailto:mail@bu-lab.eu)  
Germany Webpage: [www.bu-lab.eu](http://www.bu-lab.eu)
- (d) Report reference no.: BU-201900411-B2
- (e) Date of test report: September 06, 2019
- (f) Description of devices under test:
- |                            |                       |
|----------------------------|-----------------------|
| (i) Type:                  | Lithium-ion batteries |
| (ii) Mass:                 | 2.200 g               |
| (iii) Watt-hour rating:    | 2.929,8 Wh            |
| (iv) Physical description: | 14S20P INR18650 M29   |
| (v) Model numbers:         | #37453-10; 37832-02   |
- (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 performed |
| T.7 Overcharge:             | Passed        |
| T.8 Forced discharge:       | Not performed |
- (h) Reference to assembled battery testing requirements: Not applicable
- (i) Applied standard: UN ST/SG/AC.10/11/Rev.6, Amend.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:

November 26, 2019

Klaus Heck, Managing Director