

## 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 Batterien-Montage-Zentrum GmbH  
Zeche Gustav 1  
63791 Karlstein am Main  
Germany  
Phone: +49 (0) 6188 – 9956-0  
Fax: +49 (0) 6188 – 9956-900  
E-Mail: kontakt@bmz-group.com  
Webpage: www.bmz-group.com
- Customer: Lampuga GmbH  
Werkstraße 11  
76437 Rastatt  
Germany  
Phone: +49 (0) 721 61935-600  
Fax: +49 (0) 721 61935 -  
E-Mail: info@lampuga.de  
Webpage: www.lampuga.de
- (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-201900613-B1
- (e) Date of test report: December 20, 2019
- (f) Description of devices under test:
- |                            |                       |
|----------------------------|-----------------------|
| (i) Type:                  | Lithium-ion batteries |
| (ii) Mass:                 | 26.80 kg              |
| (iii) Watt-hour rating:    | 3,616.7 Wh            |
| (iv) Physical description: | 14S23P US18650 VTC6   |
| (VV) Model numbers:        | #37395-00             |
- (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:

December 20, 2019

Klaus Heck, Managing Director