

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: Victron Energy B.V.
De Paal 35
1351 JG Almere
The Netherlands
Phone: +31 (0) 36 5395 700
Fax: +
E-Mail: sales@victronenergy.com
Webpage: www.victronenergy.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-201900637-B1
- (e) Date of test report: February 10, 2020
- (f) Description of devices under test:
- | | |
|----------------------------|-----------------------|
| (i) Type: | Lithium ion batteries |
| (ii) Mass: | 22.00 kg |
| (iii) Watt-hour rating: | 2560.00 Wh |
| (iv) Physical description: | 4S2P LFP 36130200 |
| (V) Model numbers: | BAT 512 120 610 |
- (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: | Not performed |
| 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:

February 10, 2020

Klaus Heck, Managing Director