

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 Phone: +49 (0) 6188 – 9956-0
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Germany Webpage: www.bmz-group.com
- Customer: Victron Energy B.V. Phone: +31 (0) 36 5395 700
De Paal 35 Fax: +
1351 JG Almere E-Mail: sales@victronenergy.com
The Netherlands Webpage: www.victronenergy.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
Germany 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