UN 38.3 TEST REPORT SUMMARY

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.7, Part III, Sub-Section 38.3.

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

(a), (b) Manufacturer: Victron Energy B.V.
De Paal 35
1351 JG Almere-Haven
The Netherlands
Phone: +31 36 5359700
Fax: E-Mail: sales@victronenergy.com
Webpage: www.victronenergy.com

Customer: Victron Energy B.V.
De Paal 35
1351 JG Almere-Haven
The Netherlands
Phone: +31 36 5359700
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 6188 – 99410-0
Fax: +49 6188 – 99410-20
E-Mail: mail@bu-lab.eu
Webpage: www.bu-lab.eu

(d) Report reference no.: BU-202100050-B1

(e) Date of test report: March 30, 2021

(f) Description of devices under test:
(i) Type: Lithium ion batteries
(ii) Mass of battery: 28.88 kg
(iii) Watt-hour rating: 4,224.00 Wh
(iv) Physical description: 4S2P L173F163; rechargeable battery
(v) Model numbers: BAT512132410 LiFePO4 Battery 12,8V/330Ah Smart

(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.7
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 30, 2021
Klaus Heck, Managing Director

Note: This confirmation is valid only in connection with the report reference