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. Phone: +31 36 5359700
De Paal 35 Fax:
1351 JG Almere-Haven E-Mail: sales@victronenergy.com
The Netherlands Webpage:

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

(c) Test laboratory: Batteryuniversity GmbH Phone: +49 6188 – 99410-0
Am Sportplatz 30 Fax: +49 6188 – 99410-20
63791 Karlstein am Main E-Mail: mail@bu-lab.eu
Germany Webpage: www.bu-lab.eu

(d) Report reference no.: BU-202100071-B1

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

(f) Description of devices under test:
   (i) Type: Lithium ion batteries
   (ii) Mass of battery: 27.58 kg
   (iii) Watt-hour rating: 2,560.00 Wh
   (iv) Physical description: 8S2P 36130162A; rechargeable battery
   (v) Model numbers: BAT524110610 LiFePO4 Battery 25.6V/100Ah 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