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Lithium ion battery test summary

LITHIUM CELL OR BATTERY TEST SUMMARY

IN ACCORDANCE WITH SUB-SECTION 38.3

OF UN MANUAL OF TESTS AND CRITERIA

Battery Manufacturer	
Huizhou Blueway Electronic Co.,Ltd.	E-Mail: liuxl@desay.com
No.101, Hechang 5th Road West,	Phone: +86 (0) 752-2637608
Zhongkai High-Tech Development Zone, Huizhou,	Webpage: www.blueway.cn
Guangdong, P. R. China	

Product Manufacturer	
Alfred Kärcher SE & Co. KG	E-Mail: info@kaercher.com
Alfred-Kärcher-Straße 28 - 40	Phone: +49 7195 14-0
71364 Winnenden	Webpage: https://www.kaercher.com
Germany	

"FC 3 Cordless (1.055.XXX.0)" appliance with lithium ion battery has been successfully tested and comply with UN Model Regulation, Manual of Test and Criteria, Part III subsection 38.3

Performed Tests			Results
38.3.4.1	T1	Altitude Simulation	Pass
38.3.4.2	T2	Thermal Test	Pass
38.3.4.3	T3	Vibration	Pass
38.3.4.4	T4	Shock	Pass
38.3.4.5	T5	External Short Circuit	Pass
38.3.4.6	T6	Impact / Crush	Pass
38.3.4.7	T7	Overcharge	Pass
38.3.4.8	T8	Forced Discharge	Pass

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The UN38.3 tests were performed by the following test house and were tested to
UN Manual Test and Criteria Revision 6 Amendment 1 or subsequent revisions or amendments.

Laboratory Information	
Shanghai Research Institute Of Chemical Industry Testing Co. , Ltd. West entrance, No.345 East Yun Ling Road, Shanghai China	E-Mail: services@sricims.com Phone: +86 (021) 52815377-0102 Webpage: http://www.sricims.com

Description of cell or battery						
Model number	Type	Physical Description	Battery weight (kg)	Wh rating	Test report number	Test report date
1.055.XXX.0 FC 3 Cordless	Lithium ion battery	**built-in Li-Ion battery 4.683-281.0 2INR19/65 (cell SAMSUNG INR18650-25R)**	0,403	18,00	NO.1119040396	12.07.2019

Assembled battery testing requirements	
Reference to assembled battery testing requirements (i.e. 38.3.3 (f) and 38.3.3 (g))	Not Applicable

Signature of responsible persons of the Company

17.12.2019
Date

Steffen Reiser,
Director Regulatory Affairs & Certification

Dr. Jan Becker,
Manager Energy Storage Systems