



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 Manufacturers

CER Cleaning Equipment SRL
Nordului street 13-15
115300 Curtea de Arges
ROMANIA

Product Manufacturer

Alfred Kärcher SE & Co. KG
Alfred-Kärcher-Straße 28 - 40
71364 Winnenden
Germany

E-Mail: info@kaercher.com

Phone: +49 7195 14-0

Webpage: <https://www.kaercher.com>

"**WV 2 (1.633.XXX.0)**" appliance with lithium ion battery has been successfully tested and complies 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

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

TÜV SÜD Battery Testing GmbH
Prüflabor Garching
Daimlerstr. 15
85748 Garching

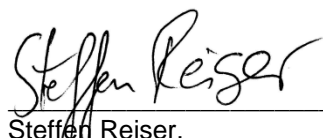
E-Mail: info@tuev-sued.de
Phone: +49 89 32950-710
Webpage: www.tuev-sued.de

Description of cell or battery						
Model number	Type	Physical Description	Battery weight (kg)	Wh rating	Test report number	Test report date
1.258-XXX.0 KB 5	Lithium ion battery	KB 5with battery cell LG ICR18650MF 1 / ICR19/66	0,940	9	BE99307004437-01	27.10.2016

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

16.12.2019
Date



Steffen Reiser,
Director Regulatory Affairs & Certification



Dr. Jan Becker,
Manager Energy Storage Systems