

Lithium ion battery test summary

IN ACCORDANCE WITH SUB-SECTION 38.3 OF UN MANUAL OF TESTS AND CRITERIA

Battery Manufacturer

Techtronic Industries (Dongguan) Co., Ltd. E-Mail: untestreport@ttigroup.com

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Dongguan City, Guangdong Province, Webpage: www.ttigroup.com

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

"Battery Power 18/25 DW" 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	Т3	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	Т8	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

Vkan Certification & Testing Cp., Ltd.

No. 3, Tiantaiyi Road, Kaitai Avenue,

Science City, Guangzhou P. R. China

E-Mail: office@cvc.org.cn

Phone: 86-020-32293888

Webpage: www.cvc.org.cn

Description of cell or battery								
Model number	Туре	Physical Description	Battery weight (kg)	Wh rating	Test report number	Test report date		
6.447- 036.0 18V	Lithium ion battery	Battery Power 18/25 DW	0.48	45	RZUN2019- 3174	2019.10.11		

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