


TTI-EMEA Techtronic Industries GmbH Max-Eyth-Straße 10 71364 Winnenden, Germany Revision: 11 Nov 2019 Rev. No.: 1.0	Battery Test Summary Subsection 38.3 Tests and Criteria	
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1. Cell, Battery or Product manufacture

Techtronic Industries GmbH
 Max-Eyth-Straße 10
 71364 Winnenden
 Germany

Tel: +49 (0) 7195 12-0
 Website: www.ttigroup.com

2. Battery Transportation Information

Model Type	Item description	Battery mass (kg)	Wh rating	Test report #	Test report date
Li12BX	12V Lithium-Ion battery	0,405	32	RZUN2016-3422	29.03.2017
<p><i>Description of cell or battery:</i></p> <p>Battery used in consumer power tools</p>					
Reference to assembled battery testing, if applicable: not applicable	Reference to the revised edition of the Manual of Tests and Criteria used and to amendments, if any: Revision 6, Amendment 1	<p><i>For air transport only</i></p> <p>Does the cell or battery comply with the 30% state of charge?</p> <p>Yes</p>			

3. Test summary

Contact information test laboratory	Performed Tests		
Vkan Certification & Testing Co. Ltd Address: No.3, Tiantaiyi Road, Kaitai Avenue, Science City, Guangzhou P. R. China. Tel.: 020 32293888 Fax: 020 32293889 E-Mail: office@cvc.org.cn Web: http://www.cvc.org.cn	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



4. Product Classification for Transport (UN)

UN CLASSIFICATION	PROPER SHIPPING NAME
UN 3480	Lithium-Ion batteries

Document creation date 11.11.2019	This document remains valid as no changes, modification, or additions are made to the model(s) described in this document, after transported from a Manufacture Techtronic Industries GmbH facility. The model(s) has (have) been classified according to the applicable transport regulations and the UN Manual of Tests and Criteria as of the date of the certification. The model(s) must packaged, labeled and documented according to country and international regulations for transportation.
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5. Responsible person



i.A. Maximilian Wieler

Manager Approvals, Associations and Standards

Techtronic Industries GmbH

Tel.: +49 (0) 7195 12-275

E-Mail: maximilian.wieler@tti-emea.com