



LITHIUM CELLS OR BATTERIES TEST SUMMARY
IN ACCORDANCE WITH SUB-SECTION 38.3 OF MANUAL OF TESTS AND CRITERIA

BATTERY TRANSPORTATION INFORMATION

for Albert Kerbl GmbH, Mobile LED WorkFire Pro 30W,
article no. 345608

Name of cells, battery or product manufacturer, as applicable: Item Number: 18650 2000mAh 3.7 V Item Name: Shenzhen Gao Fengda Electronic Rechargeable Lithium Ion Battery Item Description: Lithium Ion Battery		Cell, battery or product manufacturer's contact information to include address, phone number, email address and website for more information: Albert Kerbl GmbH Felizenzell 9 84428 Buchbach (Germany) Phone: +49/933-100 Email: info@kerbl.com Website: www.kerbl.com	
Name of the test laboratory to include address, phone number, email address and website for more information: Shenzhen TCT Testing Technology Co., Ltd. 1B/F., Building 1, Yibaolai Industrial Park, Fuyong, Baoan District, Shenzhen, Guangdong, China Phone: +86 755 27673339 Email: tom@tct-lab.com Website: www.tct-lab.com		A unique test report identification number: TCT191219B015	Date of the latest report: 04-Jan-2020
Description of cell or battery to include at a minimum: Lithium ion or Lithium metal cell or battery; Mass; Watt-hour rating, or lithium content; Physical description of the cell/battery; and Model numbers: Battery used in consumer power tools. Cell/battery Type : Lithium Cell or Battery : Battery LC or W/h rating : 7.4 Wh Cell or Battery Weight : 43.4 g		List of tests conducted and results (i.e., pass/fail): Test T.1: Altitude Simulation : Pass Test T.2: Thermal Test : Pass Test T.3: Vibration : Pass Test T.4: Shock : Pass Test T.5 External short circuit : Pass Test T.6: Impact/Crush : Pass / Not applicable Test T.7: Overcharge : Not applicable Test T.8: Forced discharge : Pass Testing additional comments:	
Reference to assembled battery testing requirements, if applicable (i.e., 38.3.3;(f) and 38.3.3;(g)): UN38.3	Reference to the revised edition of the Manual of Tests and Criteria used and to amendments thereto, if any: Revision 6	For air transport only: Does the cell or battery comply with the 30% State of Charge? <30%	
PRODUKT CLASSIFICATION FOR TRANSPORT (According to UN – DGP)			
UN Classification: UN3481 Sea: SP 188 Air: PI967, Section II	Proper Shipping Name: Lithium ion batteries contained in equipment		
Signature with name and title of signatory as an indication of the validity of information provided: Anen Zin Testing Manager		This document remains valid as long as no changes, modifications, or additions are made to the model(s) described in this document, after being transported from a Manufactured XYZ 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 be packaged, labeled, and documented according to country and other international regulations for transportation.	
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