


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

BATTERY TRANSPORTATION INFORMATION

Name of cells, battery or product manufacturer, as applicable: Item Number: 1118070120 Item Name: ICR18650-2200 Item Description: Blue Cylindrical Li-Ion ICR 18650 3,7V 2200mAh 8,14Wh		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 8086 933-100 Email: info@kerbl.de Website: www.kerbl.de	
Name of the test laboratory to include address, phone number, email address and website for more information: Shanghai Research Institute of Chemical Industry Testing Co., Ltd. No. 345 East Yunling Road Putuo Shanghai, China Phone: +86-21-31765555 Email: battery@ghs.cn Website: www.ghs.cn		A unique test report identification number: 1118070120	Date of the latest report: 17-Aug-2018
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 : Cylindrical Li-Ion Battery Cell or Battery : Battery LC or W/h rating : 8,14 W/h Cell or Battery Weight : 45,4 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 : Pass 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)): Not applicable	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 Battery in equipment		
Signature with name and title of signatory as an indication of the validity of information provided: 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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**for Albert Kerbl GmbH, WorkFire 1000 Portable LED Spotlight, article no.
345633**