

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

Manufacturer Details	ROTHENBERGER Werkzeuge GmbH	
	Industriestraße 7	
	65779 Kelkheim	
	Germany	
	+49 6195 800 1	
Product Range Summary	productcompliance@rothenberger.com	
	rothenberger.com	
	Description	Brand "ROTHENBERGER" AMPShare battery modules
	Voltage Rating	18 V
	Capacity Rating	2.0-8.0 Ah
	Energy Rating	36-144 Wh

The aforementioned ROTHENBERGER product(s) are equipped with rechargeable Lithium-Ion or Lithium-Polymer cells or batteries and has/have been successfully tested and determined to comply with UN Model Regulation, Manual of Test and Criteria, Part III subsection 38.3.

PERFORMED TEST		RESULT
38.3.4.1 T1	Altitude Simulation	Passed (applicable to cell)
38.3.4.2 T2	Thermal Test	Passed (applicable to cell)
38.3.4.3 T3	Vibration	Passed (applicable to cell)
38.3.4.4 T4	Shock	Passed (applicable to cell)
38.3.4.5 T5	External Short Circuit	Passed (applicable to cell)
38.3.4.5 T6	Impact	Passed (applicable to cell)
38.3.4.7 T7	Overcharge	Passed
38.3.4.7 T8	Forced Discharge	Passed (applicable to cell)

The UN38.3 tests were performed at least by one of the following test houses and were tested to UN Manual Test and Criteria Revision 3 Amendment 1 or subsequent revisions or amendments.

Institute Firm/Name	SGS Malaysia Sdn. Bhd.
Adress Street	PLO 581, Jalan MIEL 2, Kawasan MIEL Pasir Gudang Fasa 4,
Adress ZIP City	Pasir Gudang, Johor, 81700
Adress Country	Malaysia
Email contact	sgs.malaysia@sgs.com
Phone contact	+6(07) 2511 684
Website	www.sgs.com

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

Product Identification		Electrical Ratings			Test Report Details		
Number	Description	Weight	Energy	Max. Charge	Number	Date	Regulation
1200004207 1200004212 1300007478	RO BP18/2 AMPShare	0,346 kg 0,346 kg	36 Wh	30 %	CRSSFTY/00013/20 CPSFTY/00029/23	31.07.2020 17.10.2023	UN3480 UN3481
1300007474	RO BP18/4 AMPShare	0,593 kg 0,604 kg 0,604 kg	72 Wh	30%	CRSSFTY/00016/20 CPSFTY/00004/23 CPSFTY/00054/23	09.10.2020 20.04.2023 19.02.2023	UN3480 UN3481
1300007475 1300007479	RO BP18/4 ProCORE AMPShare	0,567 kg 0,556 kg	72 Wh	30%	CPSFTY/00021/22 CPSFTY/00022/23	01.06.2022 09.10.2023	UN3480 UN3481
1300007476 1300007480	RO BP18/8 ProCORE AMPShare	1,003 kg 0,987 kg	144 Wh	30%	CPSFTY/00051/22 CPSFTY/00023/23	15.02.2023 06.10.2023	UN3480 UN3481

SIGNATURE OF RESPONSIBLE PERSON ON BEHALF OF THE MANUFACTURER



Bernhard SCHUPP
ROTHENBERGER Group
Product & Market Compliance