

TRANSPORTATION CERTIFICATE RND

TRC nr: 2020-00002



We:

Company name:	Distrelec Switzerland AG
Postal address:	Grabenstrasse 6
Postcode and City:	8606 Nänikon Switzerland
E-Mail address	rnd@distrelec.com

This is to certify that the RND batteries listed in this certificate:-

Have met the requirements of the UN Recommendations on the transport of dangerous goods, Part III, sub-section 38.3, Manual of Tests and Criteria.

Products Covered By This Certificate	
Actual Tested Product	RND 305-00029 RND 305-00030
Products Covered by Type testing	See enclosed list of products

Product Description	
Type of Battery	ER14250 ER14505
Physical Description	Lithium Metal Battery, 1/2AA, 3.6V, 1.2Ah (Primary) Lithium Metal Battery, AA, 3.6V, 2.7Ah (Primary)
Mass (Cell or battery Weight g)	11g 19g
Nominal Voltage (V)	3.6V
Nominal Capacity (Ah)	1.2Ah 2.7Ah
Rating (Wh)	4.32 9.72
Lithium Metal Content	0.3245g 0.5985g

UN38.3 Test Lab:-	
Vkan Certification&Testing Co., Ltd No.3,Tiantaiyi Road,Kaitai Avenue, Science City,Guangzhou P.R.China.	
Test Description	Results
38.3.4.1 Test 1: Altitude Simulation	PASS
38.3.4.2 Test 2: Thermal test	PASS
38.3.4.3 Test 3: Vibration	PASS
38.3.4.4 Test 4: Shock	PASS
38.3.4.5 Test 5: External short circuit	PASS
38.3.4.6 Test 6: Impact/crush (cell test)	PASS
38.3.4.7 Test 7: Overcharge	NA
38.3.4.8 Test 8: Force-discharge (cell test)	PASS

TRANSPORTATION CERTIFICATE RND

RND ARTICLE NUMBER	RND PRODUCT DESCRIPTION	Test Report Number	Test Report Date
RND 305-00029	Lithium Battery, 1/2AA, 3.6V, 1.2Ah	RZUN2018-4148	January 15,2019
RND 305-00030	Lithium Battery, AA, 3.6V, 2.7Ah	RZUN2018-4604	January 28,2019

Product Classification

The listed lithium batteries and/or cells meet the criteria and requirements of the relevant sections of the UN Manual of Tests and Criteria and is assigned for transportation to **UN 3090** in accordance with the current UN Recommendations on the Transport of Dangerous Goods Model Regulations.

DISTRELEC

Signed for and on behalf of:


Dave Connelly
Senior Quality and Legislation Mgr

Dated 07/07/2020