

Declaration of Conformance (DoC)

UN38.3 Transportation Test for Lithium Batteries

Dok-Typ: Formblatt

Dok-Nr.: FO_Q_068

Rev.: C



1. Product Description

Model name: RRC2054
Product classification: Li-Ion rechargeable battery pack
Nominal voltage: 14.4V
Rated capacity: 3400mAh
Energy in Wh: 48.96Wh
Weight of product: 240g
RRC Part number: 100559y-xx; 110042y-xx; 110061y-xx; 110062y-xx; 110075y-xx;
110116y-xx; 110123y-xx

2. Manufacturer information

RRC power solutions GmbH
Technologiepark 1
66424 Homburg
Germany

Telephone: +49-6841-9809-0
Mail: regulatory-affairs@rrc-ps.com
Website: www.rrc-ps.com

3. Test laboratory information

Antek Certification Inc.
7F, No.351, Yangguang St.
Taipei, 11491
Taiwan

Telephone: +886-2-8752-3779
Mail: atc@atclab.com.tw
Website: www.atclab.com.tw

4. Test summary

Test Report Number: TW2307136-001
Date of test report: 2023-09-15

Test results: Battery passed the following test items:
T.1 (Altitude simulation); T.2 (Thermal test); T.3 (Vibration test);
T.4 (Shock test); T.5 (External short circuit); T.6 (Impact, Crush
test); T.7 (Overcharge); T.8 (Forced discharge).
Provisions 38.3.3(f) and 38.3.3(g) are not applicable.

Test Standard: UN Manual of Tests and Criteria, Part III, Subsection 38.3,
7th Revision with Amendment 1


Ort und Datum der Ausstellung
[Place and date of issue]

Homburg, 01. February 2024

Unterzeichnet für und im Namen von:
[Signed for and on behalf of:]

RRC power solutions GmbH

Name [Name]
Funktion [Function]


Thomas Neumann
Regulatory Affairs Manager