

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: RRC2054-2
Product classification: Li-Ion rechargeable battery pack (4S2P)
Nominal voltage: 14.4V
Rated capacity: 6800mAh
Energy in Wh: 97.90Wh
Weight of product: <453g
RRC Part number: 110064y-xx

Note: If not other specified all RRC Lithium-ion batteries are offered for transport at a state of charge (SoC) not exceeding 30% of their rated design capacity!

2. Manufacturer information

RRC power solutions GmbH
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66424 Homburg
Germany

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

3. Test laboratory information

AnTek Certification Inc.
7F 7F, No. 351, Yangguang Street,
NeiHu District,
Taipei City 114,
Taiwan

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

4. Test summary

Test Report Number: TW2306136-001

Date of test report: 21.sep.2023

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

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

Homburg, 22. January.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