

Gefahrgutinformation / Dangerous Goods Information

Artikelnummer / Article number: **3WA9111-0EE81**
Replacement Battery for ETU600

Bei dem Produkt handelt es sich um

- 1 Lithium-Metall-Zelle (keine Knopfzelle), die die Voraussetzungen der Sondervorschrift 188 der „UN Recommendations on the Transport of Dangerous Goods“ erfüllt, insbesondere:
 - Zelle \leq 1 g Lithiumgehalt
 - Zelle entspricht einem Typ, für den nachgewiesen wurde, dass er die Anforderungen jedes zum Testzeitpunkt anwendbaren Tests des UN Manual of Tests and Criteria, Teil III, Unterabschnitt 38.3, Revision 3 Amendment 1 oder einer nachfolgenden Revision und Amendment erfüllt
(weitere Details s. auch Anlage Test Summary).

Das Produkt ist daher bei Lieferung für die nachfolgend angeführten Gefahrgutvorschriften wie angegeben klassifiziert und ist entsprechend den anwendbaren nationalen und internationalen Gefahrgutvorschriften für die genutzten Verkehrsträger zu befördern.

Bitte beachten Sie für weitere Beförderungen die fortlaufenden Änderungen der Gefahrgutvorschriften sowie ggf. Änderungen am Produkt nach Lieferung.

The product is

- 1 Lithium metal cell (no button cell) meeting the preconditions of Special Provision 188 of the “UN Recommendations on the Transport of Dangerous Goods” especially:
 - Cell \leq 1 g lithium content
 - Cell is of a type proved to meet the requirements of each applicable test in the UN Manual of Tests and Criteria, Part III, sub-section 38.3, Revision 3 Amendment 1 or any subsequent revision and amendment applicable at the date of the type testing (more details see also attached Test Summary).

On delivery, the product is therefore classified according to the dangerous goods regulations as mentioned below and has to be transported according to the applicable national and international dangerous goods regulations for the modes of transport used.

Please consider for further transports the continuous changes of the dangerous goods regulations as well as applicable changes of the product after delivery.

Anlage / Attachment:

Test Summary according 38.3 UN Manual of Tests and Criteria

ADR/RID/ADN: UN 3090 Lithium-Metall-Batterien, 9,
Lithium-Metall-Zelle (keine Knopfzelle), Voraussetzungen der Sondervorschrift 188 erfüllt
UN 3090 Lithium metal batteries, 9,
Lithium metal cell (no button cell), preconditions of Special Provision 188 met

ICAO-TI/IATA-DGR: UN 3090 Lithium metal batteries, 9,
Lithium metal cell (no button cell), preconditions of Section IB PI 968 met

IMDG Code: UN 3090 Lithium metal batteries, 9,
Lithium metal cell (no button cell), preconditions of Special Provision 188 met

Batterie / battery: Typ, type: 1x SL-350
Hersteller, manufacturer: Tadiran Batteries



UN 38.3 Test Summary Report

Lithium Cell or Battery Test Summary in Accordance with Section 2.9.4 UN Model Regulations and Sub-section 38.3 of the UN Manual of Tests and Criteria, Part III, subsection 38.3.5

<p>[a] <input checked="" type="checkbox"/> Cell <input type="checkbox"/> Battery <input type="checkbox"/> Product <input checked="" type="checkbox"/> Tested Type Part #: SL-350 <input type="checkbox"/> Same Type Part #:</p>	<p>[d] Unique report ID: 15Q-602</p>
<p>[b] Manufacturer Tadiran Batteries GmbH Industriestrasse 22 63654 Buedingen Germany T. +49 6042 954 0 info@tadiranbatteries.de www.tadiranbatteries.de</p>	<p>[e] Report date: 2017.02.01</p>
<p>[b] Manufacturer Tadiran Batteries GmbH Industriestrasse 22 63654 Buedingen Germany T. +49 6042 954 0 info@tadiranbatteries.de www.tadiranbatteries.de</p>	<p>[c] Test Laboratory Tadiran Batteries Ltd. P.O. Box 1 Kiryat Ekron Israel 70500 T. +972 8 9 44 560 sales@tadiran-batt.com www.tadiran.com</p>

Same Type Part Numbers # (all): Standard: 11 1 03501 00, Tags: 11 1 03502 00, Pins: 11 1 03503 00, Pins radial: 11 1 03506 00, Polarised tags: 11 1 03508 00, all other configurations with harness and cable of this cell with part number: 11 1 0350x xx or 14 1 0350x xx.

[f] (i) Li-ion Li-metal.




(iv) **Description:** Primary (non-rechargeable) 3.7 V Lithium Thionyl Chloride (Li-SOCI₂) battery, assembled from 1 (one) "1/2 AA" sized SL-350 cell. The SL-350 cell may come with optional suffixes consisting of a "/" followed by one or more letters and a digit. These suffixes indicate different types of finishing to the cell (for example, S-Standard, T-Tab, P-Pin, etc.).
Tadiran manufactures all cells/batteries under a quality management system as required under this regulation.

(ii) Mass: 9.6 g
(iii) Watt hour rating or Lithium content: 0.35 g
(v) Cell Battery Product. Model number/Part number: SL-350

[g] List of Tests Conducted	Result (Pass / Fail / N.A.)	Test record reference
38.3.4.1 T.1: Altitude simulation	Pass	Page 5
38.3.4.2 T.2: Thermal test	Pass	Page 6
38.3.4.3 T.3: Vibration	Pass	Page 7
38.3.4.4 T.4: Shock	Pass	Page 8
38.3.4.5 T.5: External short circuit	Pass	Page 9
38.3.4.6 T.6: Impact/Crush (cell only test)	Pass	Page 10
38.3.4.7 T.7: Overcharge (N.A for Li-metal only)	N.A.	N.A.
38.3.4.8 T.8: Forced discharge (cell only test)	Pass	Page 11

[h] Battery assembly: Not Applicable. UN38.3.3 (f) UN38.3.3 (g)

[i] Test Reference: UN Manual of Tests and Criteria, Part III, sub-section 38.3. *sixth revised edition*

<p>[j] Signatory A. Date: 2018.02.12 Name: Marc Henn Title: Application Engineering Manager Signature: </p>		<p>[j] Signatory B. Date: 2018.02.12 Name: Olaf G. Lichtlein Title: General Manager Signature: </p>
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Important! The above signatory / signatories affirm that this document is a true and correct summary of the original individual tests and test data. The original test data is confidential information available to competent State Authorities with valid identification and only upon their formal request. Disclosure of the original test data to any other entity upon its request will be considered by Tadiran and, should Tadiran consider this request is with merit, may be subject to the prior execution of a nondisclosure agreement.