

Gefahrgutinformation / Dangerous Goods Information

Artikelnummer / Article number: **6ES7971-0BA02**

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 ≤ 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. Falls Angaben zu Notfallmaßnahmen erforderlich sind, finden sich diese im zutreffenden PSDS*.	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 ≤ 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. If emergency response information is necessary, it can be found in the applicable PSDS*.
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*PSDS: Produktsicherheitsdatenblatt / Product Safety Data Sheet

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: SL-760
Hersteller, manufacturer: Tadiran Batteries GmbH

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

[a] ☒ Cell ☐ Battery ☐ Product

☒ **Tested Type Part #:** SL-760

☐ **Same Type Part #:**

[b] **Manufacturer**

Tadiran Batteries GmbH

Industriestrasse 22

63654 Buedingen

Germany

T. +49 6042 954 0

info@tadiranbatteries.de

www.tadiranbatteries.de

[d] Unique report ID: 15Q-605

[e] Report date: 2003.04.01

[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

☒ **Same Type Part Numbers # (all):** Standard: 11 1 07601 00, Tags: 11 1 07602 00, Pins: 11 1 07603 00, Pins radial: 11 1 07606 00, Polarised tags: 11 1 07608 00, all other configurations with harness and cable of this cell with part number: 11 1 0760x xx or 14 1 0760x xx.

[f] (i) ☐ Li-ion ☒ Li-metal.

(iv) **Description:** Primary (non-rechargeable) 3.7 V Lithium Thionyl Chloride (Li-SOCl₂) battery, assembled from 1 (one) "AA" sized SL-760 cell. The SL-760 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: 20 g

(iii) ☐ Watt hour rating or ☒ Lithium content: 0.65 g

(v) ☒ Cell ☐ Battery ☐ Product. Model number/Part number: SL-760

[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)

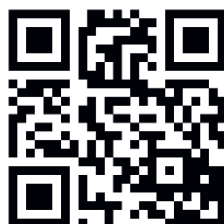
[i] Test Reference: UN Manual of Tests and Criteria, Part III, sub-section 38.3. *third revised edition, am. 1*

[j] Signatory A. Date: 2018.02.12

Name: Marc Henn

Title: Application Engineering Manager

Signature.

[j] Signatory B. Date: 2018.02.12

Name: Olaf G. Lichtlein

Title: General Manager

Signature.



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.