

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 type="checkbox"/> Cell <input checked="" type="checkbox"/> Battery <input type="checkbox"/> Product <input checked="" type="checkbox"/> Tested Type Part #: S4P1/TLM-1530 <input type="checkbox"/> Same Type Part #:</p>	<p>[d] Unique report ID: QC-686-5</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: 2007.10.01</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): All configurations with harness and cable of this battery with part number 14 4 45020 xxx or 15 4 3x53 xxx.


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

(iv) **Description:** Primary (non-rechargeable) 16 V Lithium battery, assembled from 4 (four) "2/3AA" sized TLM-1530 cells. The S4P1/TLM-1530 battery 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 battery e.g. harness. Tadiran manufactures all cells/batteries under a quality management system as required under this regulation.


(ii) Mass: 50 g
(iii) Watt hour rating or Lithium content: 0.3 g
(v) Cell Battery Product. Model number/Part number: S4P1/TLM-1530

[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 & 11
38.3.4.7 T.7: Overcharge (N.A for Li-metal only)	N.A.	
38.3.4.8 T.8: Forced discharge (cell only test)	Pass	Page 4

[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*

[j] Signatory A. Date: 2018.02.12
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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.