

**Test report identification no.:** 2019-07-18-01  
**Producer:** PT. VARTA Microbattery (Indonesia)  
**Test Laboratory:** Application Test Lab  
PT. VARTA Microbattery (Indonesia)  
Batam Industrial Park  
Jalan Angsana Blk 309 & 310, Mukakuning  
Pulau Batam Riau 29433 Indonesia

**Lab-internal reference no.:** JT50509  
**Lab-internal test date:** 2015-07-10

**Object of the declaration:**

<b>Type of battery:</b>	Rechargeable Lithium ion battery
<b>Article:</b>	1/LPP 503562 S PCM W
<b>Material no.:</b>	715416
<b>VKB no.:</b>	56456 201 012
<b>Voltage:</b>	3.7V
<b>Watt-hour rating:</b>	4.5Wh
<b>Mass (approx.):</b>	23 g



The object of the declaration described above is in conformity with the requirements of the following document:

Documents No.	Title	Edition / Date of issue
ST/SG/AC.10/11/Rev.5 Amend. 1	Recommendations on the Transport of Dangerous Goods, UN Manual of Tests and Criteria, Part III, subsection 38.3	2011

**List of tests conducted and results:**

Test Item	Test Result
T1. Altitude simulation	Pass
T2. Thermal test	Pass
T3. Vibration	Pass
T4. Shock	Pass
T5. External short circuit	Pass
T6. Crush	Pass*
T7. Overcharge	Pass
T8. Forced Discharge	Pass*

\*Reference to report of LPP503562S cell

**Additional information:**

In original VARTA packaging the products comply with the following special provisions of international transport regulations:

- ADR/RID/ADN/IMDG Code: Special Provision 188
- DOT / 49 CFR: §173.185 (c) (sea and land transport only)

VARTA packaging for this product is not designed for air transport.  
State of charge of the batteries is greater than 30 % and thus not appropriate for air transport.

Singapore, 18 July 2019  
(place and date of issue)



(company stamp)



(signature)  
(Low Chee Leong)  
Manager  
Technical Support

## The Netherlands



Elektrostraat 17  
NL-7483 PG Haaksbergen

T: +31 (0)53 573 33 33  
F: +31 (0)53 573 33 30  
E: [nl@texim-europe.com](mailto:nl@texim-europe.com)

## Belgium



Zuiderlaan 14 bus 10  
B-1731 Zellik

T: +32 (0)2 462 01 00  
F: +32 (0)2 462 01 25  
E: [belgium@texim-europe.com](mailto:belgium@texim-europe.com)

## UK & Ireland



St. Mary's House, Church Lane  
Carlton Le Moorland  
Lincoln LN5 9HS

T: +44 (0)1522 789 555  
F: +44 (0)845 299 22 26  
E: [uk@texim-europe.com](mailto:uk@texim-europe.com)

## Germany North



Bahnhofstrasse 92  
D-25451 Quickborn

T: +49 (0)4106 627 07-0  
F: +49 (0)4106 627 07-20  
E: [germany@texim-europe.com](mailto:germany@texim-europe.com)

## Germany South



Martin-Kollar-Strasse 9  
D-81829 München

T: +49 (0)89 436 086-0  
F: +49 (0)89 436 086-19  
E: [germany@texim-europe.com](mailto:germany@texim-europe.com)

## Austria



Warwitzstrasse 9  
A-5020 Salzburg

T: +43 (0)662 216 026  
F: +43 (0)662 216 026-66  
E: [austria@texim-europe.com](mailto:austria@texim-europe.com)

## Nordic region



Sdr. Jagtvej 12  
DK-2970 Hørsholm

T: +45 88 20 26 30  
F: +45 88 20 26 39  
E: [nordic@texim-europe.com](mailto:nordic@texim-europe.com)

## Italy



Via Matteotti 43  
IT-20864 Agrate Brianza (MB)

T: +39 (0)39 971 3293  
F: +39 (0)39 971 3293  
E: [italy@texim-europe.com](mailto:italy@texim-europe.com)

## General information



[info@texim-europe.com](mailto:info@texim-europe.com)  
[www.texim-europe.com](http://www.texim-europe.com)