



Supplier's Test Summary

in accordance with UN Manual of Tests and Criteria
Part III, subsection 38.3
ISO/IEC 17050-1 Format

Test summary no. 2021-12-02-01

Information about the manufacturer

Name PT. VARTA Microbattery (Indonesia)
Address Batamindo Industrial Park
Jalan Gaharu Lot 23, Jalan Angsana Lot 307-310
Mukakuning Batam, Kepulauan Riau 29433, Indonesia
Phone +62 770611099
E-mail info@varta-microbattery.com
Website www.varta-microbattery.com

Description of the product

Type Rechargeable Lithium ion battery
Physical description Battery pack
Article 2P/LPP503562S PCM WC – SOC 30%
Material no. 803566 #
VKB no. 56456 302 015
IEC Designation 1ICP5/35/60-2

Product test information

Each object of this declaration has been tested and was found to be compliant with the UN Manual of Test and Criteria, Part III, subsection 38.3.

Mass	Voltage	Wh Rating	Edition of the manual of test and criteria ST/SG/AC.10/11	Test Report No.	Test Report Date
45g	3.7V	8.6Wh	Rev. 5, Amendment 1, 2011 Edition	JT50511	2015-07-29

List of tests conducted and results

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

Test samples of material no. 715415 (non SOC 30%), equivalent to 803566

* Reference to report of LPP503562S cell



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Test laboratory

The tests were performed by the following test laboratory:

Name PT. VARTA Microbattery (Indonesia)
Address Application Test Lab
Batamindo Industrial Park
Jalan Angsana Lot 310
Mukakuning Batam
Kepulauan Riau 29433 Indonesia
Phone +62 770611099
E-mail info@varta-microbattery.com
Website www.varta-microbattery.com

Additional information

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

- IATA DGR: Packing Instruction 965 Section IB (max. 30% state of charge at the point of delivery)
(Transportations of cells or batteries packed with equipment or contained in equipment have to follow Packing Instructions 966 or 967 Section II.)
- ADR/RID/ADN/IMDG Code: Special Provision 188
- DOT / 49 CFR: §173.185 (c)

The products have been manufactured under a quality management programme according to IATA DGR clause 3.9.2.6, ADR clause 2.2.9.1.7 (e) and IMDG code clause 2.9.4.5.

Singapore, 2 December 2021
(place and date of issue)



(company stamp)

(signature)
Eric Tan
Manager
Technical Support