

Test report identification no.: 2019-06-11-01
Producer: PT. VARTA Microbattery
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.: JT50311
Lab-internal test date: 2015-05-04
Object of the declaration:
Type of battery: Rechargeable Lithium ion battery
Article: 1/LPP 443441 S PCM W
Material no.: 714359
VKB no.: 56455 201 012
IEC Designation: 1ICP5/34/39
Voltage: 3.7V
Watt-hour rating: 2.5Wh
Mass (approx.): 13 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	Recommendations on the Transport of Dangerous Goods, UN Manual of Tests and Criteria, Part III, subsection 38.3	2009
Amend. 1		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 LPP 443441 S 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, 11 Jun 2019
(place and date of issue)



(company stamp)



(signature)
(Low Chee Leong)
Manager
Technical Support