



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. 2024-10-09-01(T)

Information about the manufacturer

Name VARTA Microbattery SRL
Address Boulevard Grivita 1,
500177 Brasov,
ROMANIA
Phone +40 212 030077
E-mail info@varta-ag.com
Website www.varta-ag.com

Description of the product

Type Rechargeable Lithium-ion battery
Physical description Battery pack
Article 5S/LIC 18650-COPN.PCM.PC-DES
Material no. 810043 rev. 100 (*Deusoutter, Ref: 6158132660, BPACK2 -18V-25-B*)
VKB no. 56615 705 099
IEC Designation 5INR19/66

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
462.0g	18 V	45Wh	Rev. 7/Amend 1,2021 Edition	4791431312-A-1	2024-10-02

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 *

*Reference to report of LIC18650 COPN cell



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Test laboratory

The tests were performed by the following test laboratory:

Name	Prodigy Technology Consultant Co.Ltd
Address	No.12 Gong 7th Rd Linkou District,New Taipei City 24450,Taiwan Chinese Taipei
Phone	+886 2-2603-7288
E-mail	ptc.pe.cb@prodigy-tech.com.tw
Website	https://www.prodigy-tech.com.tw

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 the charge of the batteries is greater than 30% and thus not appropriate for air transport.

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

Batam, 09 October 2024

(place and date of issue)

PT VARTA MICROBATTERY INDONESIA

Jalan Angsana Lot 307, 308, 309 & 310
Batamindo Industrial Park, Mukakuning Batam
Kepulauan Riau 29433 Indonesia

(company stamp)

Lim Engheng
Manager, QC

(Name, Title)