

LITHIUM BATTERIES TEST SUMMARY


IN ACCORDANCE WITH SUB-SECTION 38.3 OF UN MANUAL OF TESTS AND CRITERIA

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|---|-----------------------------|--|
| 1 | Product Manufacturer | GARDENA Germany AB PO BOX 7454 S-103 92 SWEDEN |
| 2 | Model | 09853-00.640.00 (Li-ion cylindrical cell) |
| 3 | Voltage rating | 3.6V _{nom} |
| 4 | Ah rating | 2.5 Ah |
| 5 | Wh rating | 9.0 Wh |

These models of Lithium ion batteries have been successfully tested and comply with the UN Model Regulations, Manual of Test and Criteria, Part III, subsection 38.3

| PERFORMED TESTS | | RESULTS |
|-----------------|------------------------|---------|
| 38.3.4.1 T1 | Altitude Simulation | Passed |
| 38.3.4.2 T2 | Thermal Test | Passed |
| 38.3.4.3 T3 | Vibration | Passed |
| 38.3.4.4 T4 | Shock | Passed |
| 38.3.4.5 T5 | External Short Circuit | Passed |
| 38.3.4.7 T7 | Overcharge | Passed |

(Note that tests T6 and T8 are not applicable to batteries.)

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| Revision Date: 2019-12-12 | Revision Number: 1.0 |
| Name, Title: Manfred Kugler, Compliance Manager | Signature:  |

The UN 38.3 tests were performed by one of the following test houses and were tested to UN Manual Test and Criteria Revision 3 Amendment 1 or subsequent revisions or amendments.

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| <p>AnTek Certification Inc. 7F, No.351, Yangguang St., Neihu District Taipei City, TAIWAN Tel: 02-8752-3779 atc@atclab.com.tw http://www.antek.net.cn</p> | <p>SIRCI Testing Center West entrance, No.345 East Yun Ling Road, Shanghai Tel : 021-52815377-0713/0714/0717/0718 Fax : 021-52815377-0716/0745 Email: msds123@gmail.com</p> |
| <p>Intertek Testing Services Taiwan Ltd. 5F, No. 423, Ruiguang Road, Neihu District Taipei 114 TAIWAN Phone: +886 2 6602 2888 Fax: +886 2 6602 2889 www.intertek-twn.com</p> | <p>SAMSUNG SDI Safety Center 508 Sungsgdong, Cheonan Chungcheongnamdo, Korea</p> |

Product Test Information

| Model numbers | Physical Description | Battery weight | Wh rating | Test report number | Test report date | Applicable UN Numbers |
|-----------------|-----------------------------------|----------------|-----------|--------------------|------------------|-----------------------|
| 09853-00.640.00 | Lithium-Ion rechargerable battery | ~ 47g | 9 | SDI-UN-150318-01 | 18.3.2015 | UN3481 |
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