

UN 38.3 TEST SUMMARY

Test Report No. WT-240829-266
Date of issue 2024-11-21
Applicant **Wamtechnik Sp z o.o.**
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05-500 Piaseczno, Poland
Phone: +48 22 701 26 00

Manufacturer **Sonatest**
Milton Keynes
MK12 5QQ
UK
Phone: +44 (0)1908 316345
www.sonatest.com

Test laboratory **Wamtechnik Sp z o.o.**
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05-500 Piaseczno, Poland
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www.wamtechnik.pl

Type: Lithium-Ion battery pack
Manufacturer: Sonatest
Model: A084
Configuration: 4S2P
Cell type: N18650CP by BAK
Nominal voltage: 14,4 V
Rated capacity: 6,5 Ah
Energy 93,6 Wh
Max charging voltage: 16,8 V
Max charging current: 6,5 A
Mass (approx.): 650 g
Dimensions (approx.): 160 × 105 × 50 mm
Appearance: Cuboid shape battery pack in black plastic housing with dedicated connector.

No	Test performed	Test procedure acc. to	Requirements acc. to	Test result:
1	T.1: Altitude Simulation	Clause 38.3.4.1.2	Clause 38.3.4.1.3	Compliant
2	T.2: Thermal Test	Clause 38.3.4.2.2	Clause 38.3.4.2.3	Compliant
3	T.3: Vibration	Clause 38.3.4.3.2	Clause 38.3.4.3.3	Compliant
4	T.4: Shock	Clause 38.3.4.4.2	Clause 38.3.4.4.3	Compliant
5	T.5: External Short Circuit	Clause 38.3.4.5.2	Clause 38.3.4.5.3	Compliant
6	T.7: Overcharge	Clause 38.3.4.7.2	Clause 38.3.4.7.3	Compliant

All the tests are conducted in accordance with ST/SG/AC.10/11/Rev.8
UN Manual of Tests and Criteria, Part III, sub-section 38.3 Lithium metal and lithium ion batteries.
The test results apply only to the samples actually tested by Wamtechnik Sp. z o.o.

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