

UN 38.3 TEST SUMMARY

Test Report No. WT-230714-240
Date of issue 2023-08-11
Applicant Avnet Europe BV
De Kleetlaan 3
Diegem 1831
Belgium

Manufacturer Wamtechnik Sp z o.o.
Wilanowska Avenue 7/3
02-765 Warsaw, Poland
Phone: +48 22 701 26 00
Email: office@wamtechnik.pl
www.wamtechnik.pl

Test laboratory Wamtechnik Sp z o.o.
Techniczna 2 Street, building E
05-500 Piaseczno, Poland
Phone: +48 22 701 26 00
Email: office@wamtechnik.pl
www.wamtechnik.pl

Type: Lithium-Ion battery pack
Manufacturer: Wamtechnik
Model: 4INR19/66-2 / 1243.4A
Configuration: 4S2P
Cell type: N18650CP by BAK
Nominal voltage: 14,40 V
Rated capacity: 6,70 Ah
Energy 96,48 Wh
Max charging voltage: 16,80 V
Max charging current: 5,0 A
Mass (approx.): 570 g
Dimensions (approx.): 51 × 80 × 170 mm
Appearance: Irregular shape battery pack in grey plastic housing.

| 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.7/Amend.1
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.

Compiled by:
Sylwester Bednarczyk
Test Implementation Specialist

S Bednarczyk

Approved by:
Rafał Letmanowski
Tests & Certification Laboratory Manager

Rafał Letmanowski