

UN 38.3 TEST SUMMARY

Test Report No. WT-230207-224
Date of issue 2023-02-17
Applicant SYSTRONIK Elektronik u. Systemtechnik GmbH
Gewerbestraße 57
88636 Illmensee, Germany
Phone: +49 7558 9206-0

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: 525004
Configuration: 1S1P
Cell type: INR21700M50T by LG
Nominal voltage: 3,63 V
Rated capacity: 5 Ah
Energy 18,15 Wh
Max charging voltage: 4,20 V
Max charging current: 3 A
Mass (approx.): 75 g
Dimensions (approx.): 21 × 72 × 21 mm
Appearance: Single cell power source in white shrink foil with wireset.

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	N/A
2	T.2: Thermal Test	Clause 38.3.4.2.2	Clause 38.3.4.2.3	N/A
3	T.3: Vibration	Clause 38.3.4.3.2	Clause 38.3.4.3.3	N/A
4	T.4: Shock	Clause 38.3.4.4.2	Clause 38.3.4.4.3	N/A
5	T.5: External Short Circuit	Clause 38.3.4.5.2	Clause 38.3.4.5.3	N/A
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
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:
Jarosław Kocon
Laboratory Technician



Approved by:
Rafał Letmanowski
Manager of Power Systems and Certification Laboratory

