

**Zusammenfassung der Lithiumzellen- oder Batterietests in  
Übereinstimmung mit Unterabschnitt 38.3 aus „BEFÖRDERUNG  
GEFÄHRLICHER GÜTER - Handbuch über Prüfungen und Kriterien“**

|                               |                                                     |
|-------------------------------|-----------------------------------------------------|
| <b>Datum:</b>                 | 22.05.2025                                          |
| <b>Ersteller:</b>             | Wentronic GmbH                                      |
| <b>Adresse:</b>               | Pillmannstraße 12,<br>38112 Braunschweig<br>Germany |
| <b>Fon:</b>                   | +49 (531) 21058 – 0                                 |
| <b>E-Mail:</b>                | office@wentronic.com                                |
| <b>Web:</b>                   | www.wentronic.de                                    |
| <b>Artikel-Nr.:</b>           | 70183                                               |
| <b>Beschreibung:</b>          | Magnetische Wireless Powerbank 10.000 mAh           |
| <b>Inkl. Akku / Batterie:</b> | 2x Lithium-Ion-Akku   Modell 646273PH               |
|                               | 2x 3,85 V   5000 mAh   19,25 Wh                     |

Das in dem o. g. Artikel enthaltene Lithium-Ionen-Akku-Pack wurde erfolgreich getestet und entspricht den UN-Vorschriften laut „BEFÖRDERUNG GEFÄHRLICHER GÜTER – Handbuch über Prüfungen und Kriterien“, Teil III, Unterabschnitt 38.3 (Lithium-Metall- und Lithium-Ionen-Batterien).

| Durchgeführte Prüfungen |             |                       | Ergebnis  |
|-------------------------|-------------|-----------------------|-----------|
| 38.3.4.1                | Prüfung T1: | Höhensimulation       | bestanden |
| 38.3.4.2                | Prüfung T2: | Thermische Prüfung    | bestanden |
| 38.3.4.3                | Prüfung T3: | Schwingung            | bestanden |
| 38.3.4.4                | Prüfung T4: | Schlag                | bestanden |
| 38.3.4.5                | Prüfung T5: | Äußerer Kurzschluss   | bestanden |
| 38.3.4.6                | Prüfung T6: | Aufprall / Quetschung | bestanden |
| 38.3.4.7                | Prüfung T7: | Überladung            | N/A       |
| 38.3.4.8                | Prüfung T8: | Erzwungene Entladung  | bestanden |

Die UN38.3-Tests wurden von der TCT Testing Technology Co., Ltd. durchgeführt und gemäß ST/SG/AC.10/11/Rev.7/Berichtigung 1 Unterabschnitt 38.3 des Handbuchs der Vereinten Nationen über „BEFÖRDERUNG GEFÄHRLICHER GÜTER – Handbuch über Prüfungen und Kriterien“, Teil III, Unterabschnitt 38.3 (Lithium-Metall- und Lithium-Ionen-Batterien) getestet.



Marcus Wendt, Co-CEO

**Lithium cells or batteries test summary in accordance with subsection 38.3 of „TRANSPORT OF DANGEROUS GOODS – Manual of Tests and Criteria “**

|                                      |                                                     |
|--------------------------------------|-----------------------------------------------------|
| <b>Date:</b>                         | 22.05.2025                                          |
| <b>Creator:</b>                      | Wentronic GmbH                                      |
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| <b>Fon:</b>                          | +49 (531) 21058 – 0                                 |
| <b>E-mail:</b>                       | office@wentronic.com                                |
| <b>Web:</b>                          | www.wentronic.de                                    |
| <b>Article No:</b>                   | 70183                                               |
| <b>Description:</b>                  | Magnetic Wireless Power Bank 10,000 mAh             |
| <b>Incl. (rechargeable) battery:</b> | 2x Lithium-ion rechargeable cell   Model 646273PH   |
|                                      | 2x 3.85 V   5000 mAh   19.25 Wh                     |

The lithium-ion battery pack contained in the above article has been successfully tested and meet the UN regulations according to "TRANSPORTATION OF HAZARDOUS GOODS - Manual of Tests and Criteria", Part III, subsection 38.3 (Lithium Metal and Lithium Ion Batteries).

| Performed tests |          |                        | Results |
|-----------------|----------|------------------------|---------|
| 38.3.4.1        | Test T.1 | Altitude simulation    | pass    |
| 38.3.4.2        | Test T.2 | Thermal test           | pass    |
| 38.3.4.3        | Test T.3 | Vibration              | pass    |
| 38.3.4.4        | Test T.4 | Shock                  | pass    |
| 38.3.4.5        | Test T.5 | External short circuit | pass    |
| 38.3.4.6        | Test T.6 | Impact/Crush           | pass    |
| 38.3.4.7        | Test T.7 | Overcharge             | N/A     |
| 38.3.4.8        | Test T.8 | Forced discharge       | pass    |

The UN38.3 tests were conducted by the TCT Testing Technology Co., Ltd. and tested in accordance with ST/SG/AC.10/11/Rev.7/Amend.1 subsection 38.3 of the United Nations Manual on "TRANSPORT OF HAZARDOUS GOODS - Manual of Tests and Criteria", Part III, subsection 38.3 (Lithium Metal and Lithium Ion Batteries).



Marcus Wendt, Co-CEO

锂电池 UN38.3 试验概要 Lithium Battery Test Summary

项目编号: [REDACTED]

| 单位信息 Company Information                                |                                                                                                              |                                                                                                                                                                                                                                                                                                                          |                                 |                                     |            |
|---------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------------|------------|
| 委托单位<br>Consignor                                       |                                                                                                              | [REDACTED]                                                                                                                                                                                                                                                                                                               |                                 |                                     |            |
| 生产单位<br>Manufacturer                                    |                                                                                                              | [REDACTED]                                                                                                                                                                                                                                                                                                               |                                 |                                     |            |
| 测试单位<br>Test Lab                                        |                                                                                                              | 深圳市通测检测技术有限公司/Shenzhen TCT Testing Technology Co., Ltd.<br>广东省深圳市宝安区福海街道桥头社区稔山工业区振昌胶粘制品厂 2101、2201<br>2101 & 2201, Zhenchang Factory, Renshan Industrial Zone, Fuhai Subdistrict, Bao'an District, Shenzhen, Guangdong, China<br>电话/Tel: +86-755-27673339 邮箱/Mail: tom@tct-lab.com<br>网址/Website: http://www.tct-lab.com |                                 |                                     |            |
| 电池信息 Battery Information                                |                                                                                                              |                                                                                                                                                                                                                                                                                                                          |                                 |                                     |            |
| 名称<br>Name                                              | 锂离子电芯<br>Rechargeable Polymer Li-ion Cell                                                                    | 电池/电芯类别<br>Battery/Cell Classification                                                                                                                                                                                                                                                                                   |                                 | 锂离子电芯<br>Li-ion Cell                |            |
| 型号<br>Type                                              | G46273PH                                                                                                     | 商标<br>Trademark                                                                                                                                                                                                                                                                                                          |                                 | /                                   |            |
| 额定电压<br>Normal Voltage                                  | 3.85V                                                                                                        | 额定容量<br>Rated Capacity                                                                                                                                                                                                                                                                                                   |                                 | 5000mAh                             |            |
| 额定能量<br>Watt-hour rating                                | 19.25Wh                                                                                                      | 外观/Appearance                                                                                                                                                                                                                                                                                                            |                                 | 银色近长方体<br>Approximate Silver Cuboid |            |
| 质量/Mass                                                 | 65.5g                                                                                                        | 锂含量/Li Content                                                                                                                                                                                                                                                                                                           |                                 | 不适用 N/A                             |            |
| 测试信息 Test Information                                   |                                                                                                              |                                                                                                                                                                                                                                                                                                                          |                                 |                                     |            |
| 测试报告编号<br>Test Report Number                            | [REDACTED]                                                                                                   |                                                                                                                                                                                                                                                                                                                          | 测试报告签发日期<br>Date of Test Report | 2023-06-10                          |            |
| 测试标准<br>Edition of UN Manual of Tests and Criteria Used | 联合国《试验和标准手册》(第7版修订1) 38.3 节<br>UN "Manual of Tests and Criteria" ST/SG/AC.10/11/Rev.7/Amend1/Subsection 38.3 |                                                                                                                                                                                                                                                                                                                          |                                 |                                     |            |
| T.1: 高度模拟<br>Altitude Simulation                        | 通过<br>Pass                                                                                                   | T.2: 温度试验<br>Thermal Test                                                                                                                                                                                                                                                                                                | 通过<br>Pass                      | T.3: 振动<br>Vibration                | 通过<br>Pass |
| T.4: 冲击<br>Shock                                        | 通过<br>Pass                                                                                                   | T.5: 外部短路<br>External Short Circuit                                                                                                                                                                                                                                                                                      | 通过<br>Pass                      | T.6: 撞击/挤压<br>Impact/Crush          | 通过<br>Pass |
| T.7: 过度充电<br>Overcharge                                 | 不适用<br>N/A                                                                                                   | T.8: 强制放电<br>Forced Discharge                                                                                                                                                                                                                                                                                            | 通过<br>Pass                      |                                     |            |
| UN38.3.3(f)                                             | 不适用 N/A                                                                                                      |                                                                                                                                                                                                                                                                                                                          | UN38.3.3(g)                     | 不适用 N/A                             |            |
| 签名<br>Signatory<br>职务<br>Title                          | 唐子华<br>检验员                                                                                                   |                                                                                                                                                                                                                                                                                                                          | 签发日期<br>Issued Date             | 2024-04-17                          |            |

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