

UN38.3 Lithium Battery (Cell) Test Summary

UN38.3 锂电池(电芯)试验概要

No. : RZUN2022-4310-TS

|                                                                                                                                                                                                         |                                                                                  |      |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|------|
| Cell or Battery Information 电池/电芯信息                                                                                                                                                                     |                                                                                  |      |
| Name 名称:                                                                                                                                                                                                | Li-ion battery pack / 锂离子电池组                                                     |      |
| Tested Model 受检型号:                                                                                                                                                                                      | BH19020V Rated voltage/额定电压: 18V Nominal voltage/标称电压: 20V 2Ah 36Wh              |      |
| Other model 其他型号:                                                                                                                                                                                       | BH19020C, BH19020J, BH19020K                                                     |      |
| Color 颜色:                                                                                                                                                                                               | Black & gray/黑色和灰色                                                               |      |
| Shape 形状:                                                                                                                                                                                               | Irregular shape/不规则形状                                                            |      |
| Completed Battery/Cell Mass 电池/电芯整体质量                                                                                                                                                                   | 428.27g ~ 429.30g                                                                |      |
| <input checked="" type="checkbox"/>                                                                                                                                                                     | Belongs to Lithium-ion Battery/Cell, the Wh rating is 属于锂离子电池/电芯, 瓦时数为           | 36Wh |
| <input type="checkbox"/>                                                                                                                                                                                | Belongs to Lithium metal Battery/Cell, the Lithium content is 属于锂金属电池/电芯, 锂金属含量为 |      |
| Other Physical Description: 其它相关描述:<br>The models BH19020V, BH19020C, BH19020J, BH19020K are the same batteries, only difference in labels.<br>型号 BH19020V, BH19020C, BH19020J, BH19020K 为同种电池, 只是标签不同。 |                                                                                  |      |

|                                |                                                                                                                                      |           |                           |
|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|-----------|---------------------------|
| Manufacturer Information 制造商信息 |                                                                                                                                      |           |                           |
| Manufacturer: 制造商:             | Techtronic Industries Vietnam Manufacturing Company Limited                                                                          |           |                           |
| Address: 地址:                   | 9A VSIP II-A, Street No. 27, Vietnam – Singapore II A Industrial Zone, Vinh Tan Commune, Tan Uyen Town, Binh Duong Province, Vietnam |           |                           |
| Telephone 电话:                  | 86-0769-82723180                                                                                                                     | Email 电邮: | untestreport@ttigroup.com |
| Website 网址:                    | www.ttigroup.com                                                                                                                     |           |                           |

|                                |                                                                                                                                                                                                                                      |           |                   |             |                       |
|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------------|-------------|-----------------------|
| Laboratory Information 检测实验室信息 |                                                                                                                                                                                                                                      |           |                   |             |                       |
| Laboratory: 检测实验室:             | CVC Testing Technology Co., Ltd. 威凯检测技术有限公司                                                                                                                                                                                          |           |                   |             |                       |
| Address: 地址:                   | No.3, Tiantai 1st Road, Kaitai Avenue, Science City, Guangzhou, Guangdong, China. Building D, BASIGO INTELLIGENT, No.179, Guangpu East Road, Huangpu District, Guangzhou, P. R. China. 广东省广州市科学城开泰大道天泰一路3号 广东省广州市黄埔区光谱东路179号百事高智慧园D栋 |           |                   |             |                       |
| Tel 电话:                        | +86-20-32293888                                                                                                                                                                                                                      | Email 电邮: | office@cvc.org.cn | Website 网址: | http://www.cvc.org.cn |

|                                                                    |                                           |                          |                                                                  |                                                    |  |
|--------------------------------------------------------------------|-------------------------------------------|--------------------------|------------------------------------------------------------------|----------------------------------------------------|--|
| UN38.3 Test conducted and results UN38.3 试验项目和结果                   |                                           |                          |                                                                  |                                                    |  |
| Test Report ID 检测报告编号:                                             | RZUN2022-4310                             |                          | Date of Test Report 检测报告签发日期:                                    | 2022-11-09                                         |  |
| Manual of Test and Criteria version / amendment: 试验和标准手册版本号/修订版:   | ST/SG/AC.10/11/Rev.7/Amend.1/Section 38.3 |                          |                                                                  |                                                    |  |
| List of Tests Completed 已完成的试验项目清单                                 |                                           |                          |                                                                  |                                                    |  |
| Test Items 试验项目                                                    | Pass 通过                                   | Fail 失败                  | Reference to assembled battery testing requirement: 关于组合电池的试验要求: |                                                    |  |
| <input checked="" type="checkbox"/> T1 Altitude Simulation 高度模拟    | <input checked="" type="checkbox"/>       | <input type="checkbox"/> | <input checked="" type="checkbox"/>                              | Not applicable 不适用                                 |  |
| <input checked="" type="checkbox"/> T2 Thermal Test 热冲击            | <input checked="" type="checkbox"/>       | <input type="checkbox"/> | <input type="checkbox"/>                                         | Applicable, reference to 38.3.3 (f) 适用于 38.3.3 (f) |  |
| <input checked="" type="checkbox"/> T3 Vibration 振动                | <input checked="" type="checkbox"/>       | <input type="checkbox"/> | <input type="checkbox"/>                                         | Applicable, reference to 38.3.3 (g) 适用于 38.3.3 (g) |  |
| <input checked="" type="checkbox"/> T4 Shock 冲击                    | <input checked="" type="checkbox"/>       | <input type="checkbox"/> | Other executive standards/其他执行标准:                                |                                                    |  |
| <input checked="" type="checkbox"/> T5 External Short Circuit 外部短路 | <input checked="" type="checkbox"/>       | <input type="checkbox"/> |                                                                  |                                                    |  |
| <input checked="" type="checkbox"/> T6 Impact/ Crush 撞击/ 挤压        | <input checked="" type="checkbox"/>       | <input type="checkbox"/> |                                                                  |                                                    |  |
| <input checked="" type="checkbox"/> T7 Overcharge 过充电              | <input checked="" type="checkbox"/>       | <input type="checkbox"/> |                                                                  |                                                    |  |
| <input checked="" type="checkbox"/> T8 Forced Discharge 强制放电       | <input checked="" type="checkbox"/>       | <input type="checkbox"/> |                                                                  |                                                    |  |

Note: The test results of this summary are only valid for the tested samples listed in test report RZUN2022-4310.

注: 此摘要的测试结果仅对测试报告 RZUN2022-4310 中列出的测试样品有效

Title/职务: Manager/经理 Seal of CVC CVC 盖章

Signatory/签发人: 黄鲲 (黄鲲)