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| Lithium battery test summary and supplier inquiry in accordance with sub-section 38.3 of manual of tests and criteria | Datum | 14.02.2022 |
| | Revision | 1.0 |
| Test report no.: 21PP444-03_0 | Seite | 1 |

| | |
|----------|--|
| 1 | NAME / DESCRIPTION OF THE BATTERY |
| | BP-LFP-1325S LiFePO4 battery pack |

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|-----------|---|
| 1a | NAME / DESCRIPTION OF THE CELLS INSIDE THE BATTERY |
| | ANR26650M1-B LiFePO4 cells |

The test summary of the cells inside the battery must either be presented or under checkpoint 9 and 9a it must be confirmed that the UN 38.3 test summary for the cells is available.

| | | |
|----------|------------------------------------|---|
| 2 | MANUFACTURER OF THE BATTERY | |
| | Name | Bicker Elektronik GmbH |
| | Address | Ludwig-Auer-Straße 23, 86609 Donauwörth |
| | Phone | +49 (0)906 / 70595-0 |
| | E-Mail | info@bicker.de |
| | Website | https://www.bicker.de |

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|-----------|---|--|
| 2a | MANUFACTURER OF THE EQUIPMENT (if the battery is contained in equipment) | |
| | Name | |
| | Address | |
| | Phone | |
| | E-Mail | |
| | Website | |

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|----------|-----------------------------------|------------------------------------|
| 3 | TEST LABORATORY OF BATTERY | |
| | Name | Kiwa Primara GmbH |
| | Address | Gewerbestraße 28, 87600 Kaufbeuren |
| | Phone | +49 (0) 8341 / 99726-0 |
| | E-Mail | de.primara.info@kiwa.com |
| | Website | www.kiwa.com |

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| | | |
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| 4 | ID-NUMBER AND DATE | |
| | Unique test report identification number | 21PP444-03_0 |
| | Date of test report | 2022-02-14 |

DESCRIPTION OF BATTERY

| | | |
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| 5 | MARK THE TYPE OF BATTERY WITH „✓“ | |
| | Lithium ion battery | ✓ |
| | Lithium metal battery | |
| | Lithium hybrid battery | |

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| 6 | PARAMETERS | |
| | Mass in gram (g) | 380 |
| | Lithium ion: Indicate lithium watt-hour rating (Wh) | 33 |
| | Lithium metal: Indicate lithium metal content in gram (g) | |
| | Lithium hybrid: Indicate lithium metal content in gram (g) and watt-hour rating (Wh) | |

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| 7 | PHYSICAL DESCRIPTION OF BATTERY | |
| | 105 mm x 70 mm x 32 mm / 4IFPR26/65-1 | |

| | | |
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| 8 | MODEL NUMBER | |
| | BP-LFP-1325S | |

| | | |
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TESTS AND RESULTS

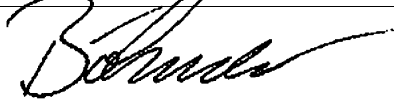
| 9 | LIST OF TESTS CONDUCTED AND RESULT – MARK N/A, PASS OF FAIL WITH AN „✓“ | N/A | PASS | FAIL |
|----|--|-----|------|------|
| T1 | Altitude Simulation | | ✓ | |
| T2 | Thermal Test | | ✓ | |
| T3 | Vibration | | ✓ | |
| T4 | Shock | | ✓ | |
| T5 | External Short Circuit | | ✓ | |
| T6 | Impact – for cylindrical cells having a diameter of at least 18 mm. See checkpoint 1a and 9a. | ✓ | | |
| T6 | Crush – for prismatic cells, pouch cells, button cells and cylindrical cells having a diameter of less than 18 mm. See checkpoint 1a and 9a. | ✓ | | |
| T7 | Overcharge | | ✓ | |
| T8 | Forced Discharge, only valid for cells. See check point 1a and 9a. | ✓ | | |

| 9a | UN 38.3 TEST CONFIRMATION FOR THE CELLS INSIDE THE BATTERY | | |
|----|---|-----------------------------|---------------------------------|
| | When no separate document for the cells is provided, this confirms that the cells inside the battery (see checkpoint 1a) have successfully passed the UN 38.3 test. In this case, under checkpoint 9 the T6 and T8 have to be marked as “passed” and here, under 9a, “Cell UN 38.3 Test confirmed”. | | |
| | ✓ | Cell UN 38.3 Test confirmed | Cell UN 38.3 Test NOT confirmed |

| 10 | REFERENCE TO ASSEMBLED BATTERY TESTING REQUIREMENTS |
|----|---|
| | N/A |

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| 11 | REFERENCE TO THE REVISED EDITION OF THE MANUAL OF TESTS AND CRITERIA USED TO AMENDMENTS THERETO |
| | UN Manual of Tests and Criteria, Part III, Section 38.3, lithium metal and lithium ion batteries (UN ST/SG/AC.10/11/Rev.6, Amendment 1) |

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| Donauwörth, 14.02.2022 |  |
| Ort, Datum | Thomas Böhmer Technischer Leiter |