

## Information about the manufacturer

Name VARTA Microbattery GmbH  
Address VARTA-Platz 1  
73479 Ellwangen  
Germany  
Phone +49 7961 921-0  
E-mail info@varta-microbattery.com  
Website www.varta-microbattery.com

## Description of the product

Type Lithium ion battery  
Physical description Energy storage module

## Product test information

Each object of this declaration has been tested and was found to be compliant with the UN Manual of Test and Criteria, Part III, subsection 38.3.

| Model  | Mass   | Wh rating | Edition of the manual of test and criteria ST/SG/AC.10/11 | Test report number | Test report date |
|--|--------|-----------|---|--------------------|------------------|
| EasyBlade 24V<br>7S20P/LIC18650-32MH1B PCM PF MC | 9.5 kg | 1657 Wh   | Rev. 6 / Amend. 1   | 20132              | 2020-06-29       |

## List of tests conducted and results

| Test Item               | Test Result | Test Item                  | Test Result      |
|-------------------------|-------------|----------------------------|------------------|
| T.1 Altitude simulation | pass        | T.5 External short circuit | pass             |
| T.2 Thermal test        | pass        | T.6 Impact/Crush           | N/A <sup>a</sup> |
| T.3 Vibration           | pass        | T.7 Overcharge             | pass             |
| T.4 Shock               | pass        | T.8 Forced Discharge       | N/A <sup>a</sup> |

<sup>a</sup> The cells of this battery have been tested with conforming results according to the requirements of T.6 Impact and T.8 Forced Discharge. These tests are not required for batteries according to the UN Manual of Test and Criteria, Part III, subsection 38.3.

## Test laboratories

The tests were performed by the following test laboratory.

|         |   |
|---------|---|
| Name    | VARTA Microbattery GmbH<br>Safety test lab  |
| Address | VARTA-Platz 1<br>73479 Ellwangen<br>Germany |
| Phone   | +49 7961 921-0                              |
| E-mail  | info@varta-microbattery.com                 |
| Website | www.varta-microbattery.com                  |

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## Additional information

The products have been manufactured under a quality management program according to IATA DGR clause 3.9.2.6.1 (e), ADR clause 2.2.9.1.7 e), and IMDG code clause 2.9.4.5.

Ellwangen, 2020-06-30

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*Place and date of issue*

VARTA Microbattery GmbH  
VARTA - Platz 1  
D-73479 Ellwangen  
Germany  


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*Company stamp*



Dr. Sebastian Röhlér  
Manager Product Compliance

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*Signature, name and title*