

## Gefahrgutinformation / Dangerous Goods Information

Artikelnummer / Article number: **6AV6671-5AD00-0AX0**

### Mobile Panel Überbrückungsakku 277(F) IWAN

<p>Bei dem Produkt handelt es sich um</p> <ul style="list-style-type: none"> <li>• 1 Lithium-Ionen-Batterie, die die Voraussetzungen der Sondervorschrift 188 der „UN Recommendations on the Transport of Dangerous Goods“ erfüllt, insbesondere:             <ul style="list-style-type: none"> <li>• Zelle <math>\leq 20</math> Wh, Batterie <math>\leq 100</math> Wh</li> <li>• Zellen und Batterie entsprechen einem Typ, für den nachgewiesen wurde, dass er die Anforderungen jedes zum Testzeitpunkt anwendbaren Tests des UN Manual of Tests and Criteria, Teil III, Unterabschnitt 38.3, Revision 3 Amendment 1 erfüllt (weitere Details s. auch Anlage Test Summary).</li> </ul> </li> </ul> <p>Das Produkt ist daher bei Lieferung für die nachfolgend angeführten Gefahrgutvorschriften wie angegeben klassifiziert und ist entsprechend den anwendbaren nationalen und internationalen Gefahrgutvorschriften für die genutzten Verkehrsträger zu befördern.</p> <p>Bitte beachten Sie für weitere Beförderungen die fortlaufenden Änderungen der Gefahrgutvorschriften sowie ggf. Änderungen am Produkt nach Lieferung.</p>	<p>The product is</p> <ul style="list-style-type: none"> <li>• 1 lithium ion battery meeting the preconditions of Special Provision 188 of the “UN Recommendations on the Transport Of Dangerous Goods” especially:             <ul style="list-style-type: none"> <li>• Cell <math>&lt; 20</math> Wh, Battery <math>&lt; 100</math> Wh</li> <li>• Cells and battery are of a type proved to meet the requirements of each applicable test in the UN Manual of Tests and Criteria, Part III, subsection 38.3, Revision 3 Amendment 1 or any subsequent revision and amendment applicable at the date of the type testing (more details see also attached Test Summary).</li> </ul> </li> </ul> <p>On delivery, the product is therefore classified according to the dangerous goods regulations as mentioned below and has to be transported according to the applicable national and international dangerous goods regulations for the modes of transport used.</p> <p>Please consider for further transports the continuous changes of the dangerous goods regulations as well as applicable changes of the product after delivery.</p>
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Anlage / Attachment:  
Test Summary according 38.3 UN Manual of Tests and Criteria

ADR/RID/ADN: UN 3480 Lithium-Ionen-Batterien, 9, Voraussetzungen der Sondervorschrift 188 erfüllt  
UN 3480 Lithium ion batteries, 9, preconditions of Special Provision 188 met

ICAO-TI/IATA-DGR: UN 3480 Lithium ion batteries, 9, preconditions of Section IB PI 965 met

IMDG Code: UN 3480 Lithium ion batteries, 9, preconditions of Special Provision 188 met

Batterie / battery: Typ, type: 1S1PCGA103450A (#12347)  
Hersteller, manufacturer: Siemens AG (BMZ)

## UN 38.3 TEST REPORT SUMMARY

We herewith confirm that each battery of this type is proved to meet the requirements of applicable tests in the UN Manual of Tests and Criteria ST/SG/AC.10/11/Rev.6/Amend.1, Part III, Sub-Section 38.3.

In the following, lithium battery test summary according to Sub-Section 38.3.5

- (a), (b) Manufacturer: BMZ Batterien-Montage-Zentrum GmbH Phone: +49 (0)6188 – 9956-0  
Zeche Gustav 1 Fax: +49 (0)6188 – 9956-900  
63791 Karlstein am Main E-Mail: kontakt@bmz-group.com  
Germany Webpage: www.bmz-group.com
- Customer: Siemens AG Phone: +49 (0) 911 750 0  
Breslauer Straße 5 Fax:  
90766 Fürth E-Mail: contact@siemens.com  
Germany Webpage: www.siemens.de
- (c) Test laboratory: Batteryuniversity GmbH Phone: +49 (0)6188 – 99410-0  
Am Sportplatz 30 Fax: +49 (0)6188 – 99410-20  
63791 Karlstein am Main E-Mail: mail@bu-lab.eu  
Germany Webpage: www.bu-lab.eu
- (d) Report reference no.: BU-201900551-B2
- (e) Date of test report: March 3, 2021
- (f) Description of devices under test:
- |                            |                            |
|----------------------------|----------------------------|
| (i) Type:                  | Lithium-ion                |
| (ii) Mass:                 | 56.90 g                    |
| (iii) Watt-hour rating:    | 7,00 Wh                    |
| (iv) Physical description: | 1S1P CGA 103450A           |
| (v) Model numbers:         | #12347; 6AV6671-5AD00-0AXx |
- (g) Performed tests:
- |                             |        |
|-----------------------------|--------|
| T.1 Altitude simulation:    | Passed |
| T.2 Thermal test:           | Passed |
| T.3 Vibration:              | Passed |
| T.4 Shock:                  | Passed |
| T.5 External short circuit: | Passed |
| T.6 Impact/Crush:           | Passed |
| T.7 Overcharge:             | Passed |
| T.8 Forced discharge:       | Passed |
- (h) Reference to assembled battery testing requirements: Not applicable
- (i) Applied standard: UN ST/SG/AC.10/11/Rev.6, Amend.1  
Recommendations of the TRANSPORT OF DANGEROUS GOODS, Manual of Tests and Criteria, Part III, section 38.3, Lithium metal and lithium ion batteries

(j) Signature:

March 3, 2021

Klaus Heck, Managing Director

Note: This confirmation is valid only in connection with the report reference