

Information about the manufacturer

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 Germany
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Description of the product

Type Lithium ion battery
 Physical description Rechargeable Lithium ion 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, ST/SG/AC.10/11, Part III, subsection 38.3.

Model	Mass	Wh rating	Edition of the manual of test and criteria	Test report number	Test report date
Battery module element 3.3 kWh	25.7 kg	3262 Wh	Rev. 5 / Amend. 2 (2013)	QDI-160912-B-EM048126P3S6, EM048126P3S7, EM048126P3S8	2016-09-12
Battery module element 6.5 kWh	44.2 kg	6524 Wh	Rev. 5 / Amend. 2 (2013)	QDI-160912-B-EM048063P3S1, EM048063P3S2, EM048063P3S4, EM048063P3S5	2016-09-12

List of tests conducted and results

Test Item	Test Result	Test Item	Test Result
T1. Altitude simulation	pass	T5. External short circuit	pass
T2. Thermal test	pass	T6. Impact/Crush	pass
T3. Vibration	pass	T7. Overcharge	pass
T4. Shock	pass	T8. Forced Discharge	pass

Test laboratories

The tests were performed by the following test laboratory.

Name	LG Chem, Ltd. / Research Park
Address	188 Munjiro, Yuseong-gu Daejeon, 305-738 Republic of Korea
Phone	+82-10-4808-7362
E-mail	milkis@lgchem.com
Website	www.lgchem.com

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, 2019-12-16

Place and date of issue

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


Company stamp

i. A. 

Dr. Sebastian Röhler
Manager Product Compliance

Signature