

TUV Rheinland Korea Ltd.
Mr. HwangHyun No Project Engineer
Products/Electrical/BATT
E&C Venture Dream Tower 6
197-28, Guro-dong, Guro-gu
Seoul 152-719
Rep. of Korea

Date : 22.07.2016
Our ref. : HHN ZOL
Your ref.: 386141

Ref : R1 TÜV-Mark Approval - local

Type of Equipment : Secondary System, LiNiMnCoO2
Model Designation : See Certificate
Certificate No. : R1 50352846 0001
Report No. : 50049857 001

Dear Mr. HwangHyun No,

Please find enclosed certification documents as specified above.

Please forward these originals to the certificate holder.

If you contact our office, please quote our reference above.

We thank you for your cooperation.

The license holder is: LG Chem, Ltd.
128, Yeoui-daero,
Yeongdeungpo-gu, Seoul 150-721
Rep. of Korea

With kind regards,

Certification Body



Masahiro Hisamune

Enclosure

LG Chem, Ltd.
Mr. Jaeseung Lee Assistant Manager
Quality Management Dept.
128, Yeoui-daero,
Yeongdeungpo-gu, Seoul 150-721
Rep. of Korea

Date : 22.07.2016
Our ref. : HHN ZOL
Your ref.: 386141

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Type of Equipment : Secondary System, LiNiMnCoO2
Model Designation : See Certificate
Certificate No. : R1 50352846 0001
Report No. : 50049857 001

Dear Mr. Jaeseung Lee,

The above specified technical equipment has been tested and found to be in accordance with the relevant requirements.

Please find enclosed your certificate.

As the photo documentation is the evidence of certification, you need to keep the authorized copy for reference purposes as long as your certificate remains valid and the products are being sold.

If cancellation of the certificate is submitted by 15 November in a given year, no fee will be charged for the following year.

We appreciate your support and would like to offer our assistance in the approval of your future products through our extensive range of technical services. Please feel free to contact us whatever your requirements may be.

With kind regards,

Certification Body



Masahiro Hisamune

cc: TÜV Rheinland Korea Ltd.

Enclosure

Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
R1 50352846

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0001

Ihr Zeichen *Client Reference*
386141

Unser Zeichen *Our Reference*
ZOL-HHN-50049857 001

Ausstellungsdatum *Date of Issue*
22.07.2016
(day/mo/yr)

Genehmigungsinhaber *License Holder*
LG Chem, Ltd.
128, Yeoui-daero,
Yeongdeungpo-gu, Seoul 150-721
Rep. of Korea

Fertigungsstätte *Manufacturing Plant*
PEOPLEWORKS
228, 1gondan-ro,
Gumi-si, Gyeongsangbuk-do, 730-904
Rep. of Korea

Prüfzeichen *Test Mark*



Type Approved
Safety
Regular Production
Surveillance

www.tuv.com
ID 1419037868

Geprüft nach *Tested acc. to*
IEC 62619:2012/NP (21A/499/NP)

Zertifiziertes Produkt (Geräteidentifikation)
Certified Product (Product Identification)

Lizenzentgelte - Einheit
License Fee - Unit

Lithium-ion battery Secondary System, LiNiMnCoO₂

Type Designation: RESU10
Containing Cell: JH3
System Configuration: [2P_14S] Cells

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Rated Capacity: 189Ah
Nominal Voltage: 51.8V
Nominal Charging Voltage: 58.8V
Watt-hour Rating: 9800Wh
BMU Identification: RESU GEN2, RESU_JH3
BMU version: 1.1.0.0, V03

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ANLAGE (Appendix): 1

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde und es bestätigt die Konformität des Produktes mit den oben genannten Standards und Prüfgrundlagen. Zusätzliche Anforderungen in Ländern, in denen das Produkt in Verkehr gebracht werden soll, müssen zusätzlich betrachtet werden. Die Herstellung des zertifizierten Produktes wird überwacht.

This certificate is based on our Testing and Certification Regulation and states the conformity of the product with the standards and testing requirements as indicated above. Any additional requirements in countries where the product is going to be marketed have to be considered additionally. The manufacturing of the certified product is subject to surveillance.



Zertifizierungsstelle

TÜV Rheinland Japan Ltd., 3-19-5 Shin Yokohama, Yokohama 222-0033, Japan

Tel.: (+81/45)470-1850 e-mail: info@jpn.tuv.com
Fax: (+81/45)473-5221 http://www.tuv.com/jp

Masahiro Hisamune