

NOTICE OF COMPLETION
AND
AUTHORIZATION TO APPLY THE UL MARK



2016-11-30

MS. YeonJung Kim
Samsung SDI Co Ltd
467 Beonyeong-ro Seobuk-gu
Cheonan-si, , 31086, KR

Our Reference: File MH21015, Vol .1 Order 11535663, Proj no: 4787690347

Your Reference: KIM, YEONJUNG

Project Scope: USR, Secondary Lithium-ion Cylindrical Cell, Model INR18650-29++ in Vol. 1,
Sec. 2.

- Addition of alternative Negative Active Material, 'Natural graphite carbon, Artificial graphite carbon and PVDF or SBR' in case that Positive Active Material is 'Lithium Nickel Cobalt Aluminium Oxide'.

USR, Secondary Lithium-ion Pouch Cell, Model PGF454186H++ in Vol. 1, Sec. 2.

1. Nominal voltage from 3.85Vdc to 3.8Vdc.
2. Nominal capacity (mAh) from 2600mAh to 2400mAh.
3. Mfgs. Recommended Charge voltage from 4.4Vdc to 4.35Vdc.
4. Mfgs. Recommended Charge current from 1300mA to 480mA.
5. Mfgs. Recommended Discharge current from 520mA to 480mA.
6. Maximum Charging Current from 2600mA to 2400mA.

Dear MS. YeonJung Kim:

Congratulations! UL's investigation of your product(s) has been completed under the above Reference Number and the product was determined to comply with the applicable requirements. This letter temporarily supplements the UL Follow-Up Services Procedure and serves as authorization to apply the UL Mark at authorized factories under UL's Follow-Up Service Program. To provide your manufacturer(s) with the intended authorization to use the UL Mark, you must send a copy of this notice to each manufacturing location currently authorized under File MH21015, Vol 1.

Records in the Follow-Up Services Procedure covering the product are now being prepared and will be sent in the near future. Until then, this letter authorizes application of the UL Mark for 90 days from the date indicated above.

Additional requirements related to your responsibilities as the Applicant can be found in the document "Applicant responsibilities related to Early Authorizations" that can be found at the following web-site: <http://www.ul.com/EAResponsibilities>

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL.

We are excited you are now able to apply the UL Mark to your products and appreciate your business. Feel free to contact me or any of our Customer Service representatives if you have any questions.

Very truly yours,

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