

# CERTIFICATE OF COMPLIANCE

**Certificate Number** MH49407  
**Report Reference** MH49407-2021-06-30  
**Date** 2021-July-09

**Issued to:** SAMSUNG SDI CO LTD  
428-5 GONGSE-DONG GIHEUNG-GU  
YONGIN-SI GYEONGGI-DO 446-577 KR

**This is to certify that  
representative samples of**

BATTERIES FOR USE IN STATIONARY, VEHICLE  
AUXILIARY POWER AND LIGHT ELECTRIC RAIL  
APPLICATIONS - COMPONENT

See Addendum Page for Product Designation(s).

Have been investigated by UL in accordance with the  
component requirements in the Standard(s) indicated on  
this Certificate. UL Recognized components are incomplete  
in certain constructional features or restricted in  
performance capabilities and are intended for installation in  
complete equipment submitted for investigation to UL LLC.

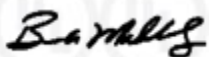
**Standard(s) for Safety:** ANSI/CAN/UL-1973, Batteries for Use In Stationary, Vehicle  
Auxiliary Power and Light Electric Rail (LER) Applications

**Additional Information:** See the UL Online Certifications Directory at  
<https://iq.ulprospector.com> for additional information

This *Certificate of Compliance* does not provide authorization to apply the UL Recognized Component Mark.  
Only the UL Follow-Up Services Procedure provides authorization to apply the UL Mark.

Only those products bearing the UL Recognized Component Mark should be considered as being UL Certified  
and covered under UL's Follow-Up Services.

Look for the UL Recognized Component Mark on the product.



Bruce Mahrenholz, Director North American Certification Program

UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please  
contact a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>



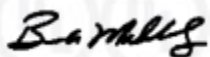
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This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements

USR/ CNR - Component – Batteries for Use in Stationary Applications,

Battery module  
Model MS8943E101A  
BCU  
Model V049-0027AA



Bruce Mahrenholz, Director North American Certification Program

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# CERTIFICATE OF COMPLIANCE

**Certificate Number** MH49407  
**Report Reference** MH49407-2021-07-01  
**Date** 2021-July-09

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AUXILIARY POWER AND LIGHT ELECTRIC RAIL  
APPLICATIONS

See Addendum Page for Product Designation(s).

Have been investigated by UL in accordance with the  
Standard(s) indicated on this Certificate.

**Standard(s) for Safety:** ANSI/CAN/UL-1973, Batteries for Use In Stationary, Vehicle  
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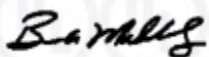
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USL/CNL – Batteries for Use in Stationary Applications,

Models PHR1433-001A, PHR1433-002A, PHR1343-001A, PHR1253-002A, PHR1163-001A,  
PHR1073-001A, PHR9832-001A, PHR8942-001A, PHR7282-003A, PHR7152-001A



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