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STANDARDS BULLETIN 2018-18

NEW EDITION

Second Edition of ANSI/CAN/UL/ULC 2271

Standard for Batteries for Use In Light Electric Vehicle (LEV) Applications

ULC Standards is pleased to announce the publication of the Second Edition of ANSI/CAN/UL/ULC 2271, Standard for Batteries for Use In Light Electric Vehicle (LEV) Applications. This Standard has been approved by UL/ULC Standards Technical Panel (STP) on Batteries for Use in Electric Vehicles, STP 2580 and has been published under the date of September 2018.

This standard covers electrical energy storage assemblies (EESAs) such as battery packs and combination battery pack-electrochemical capacitor assemblies and the subassembly/modules that make up these assemblies for use in light electric-powered vehicles (LEVs) as defined in this standard.

This standard does not evaluate the performance or reliability of these devices.

This standard does not include requirements for the evaluation of EESAs intended for use in electric vehicles, such as on-road passenger vehicles intended for use on public roadways including highways and heavy duty off road vehicles such as battery powered ride-on industrial trucks, which are covered under the Standard for Batteries for Use in Electric Vehicles, UL 2580/ULC-S2580.

This standard does not include requirements for evaluation of EESAs intended for use in light electric rail (LER) applications, which are covered under the Standard for Batteries for Use in Stationary, Vehicle Auxiliary Power and Light Electric Rail (LER) Applications, UL 1973.

This new edition incorporates the following changes in requirements:

- Correction of Cell Criteria and Tolerance Information.
- Vibration Endurance Test Revisions;
- Revision of marking and instruction requirements for EESAs that are not removed when charging;
- Addition of Production Quality Control Criteria in 17.4;
- Clarifications to the functional safety criteria; and
- Clarification of connections to battery cells.

For any additional information, please contact Megan VanHeirseele at (847) 664-2881 or by email at Megan.M.VanHeirseele@ul.com.

This Standard can be ordered for \$250.00 CAD (Hardcopy) or \$200.00 CAD (PDF) from the ULC Standards website at <http://canada.ul.com/ulcstandards/>. Click on *Sales of ULC Standards Materials* for more information.

Yours truly,

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