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ANSI/CAN/UL/ULC 2580:2021

JOINT CANADA-UNITED STATES
NATIONAL STANDARD

STANDARD FOR SAFETY

Batteries for Use In Electric Vehicles



ANSI/UL 2580-2021



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UL Standard for Safety for Batteries for Use In Electric Vehicles, ANSI/CAN/UL/ULC 2580

Third Edition, Dated March 11, 2020

Summary of Topics

This revision of ANSI/CAN/UL/ULC 2580 dated March 31, 2021 includes the following changes:

- **Removal of [Table 16.1](#).**
- **Corrections to lead acid battery criteria; [5.2](#), [16.8](#), and [45.6](#)**
- **Clarifications to capacity check requirements in Annex B and Annex D; [B1.3](#), [D2.2.1](#), [D2.2.1A](#), [D2.2.2](#) and [D2.2.4](#)**

Text that has been changed in any manner or impacted by UL's electronic publishing system is marked with a vertical line in the margin.

The new and revised requirements are substantially in accordance with Proposal(s) on this subject dated November 6, 2020 and January 15, 2021.

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MARCH 11, 2020

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ANSI/CAN/UL/ULC 2580:2021

Standard for Batteries for Use In Electric Vehicles

First Edition – October, 2011

Second Edition – December, 2013

Third Edition

March 11, 2020

This ANSI/CAN/UL Safety Standard consists of the Third Edition including revisions through March 31, 2021.

The most recent designation of ANSI/UL 2580 as an American National Standard (ANSI) occurred on March 31, 2021. ANSI approval for a standard does not include the Cover Page, Transmittal Pages, Title Page, Preface or SCC Foreword.

This standard has been designated as a National Standard of Canada (NSC) on March 31, 2021.

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