

STANDARD INFORMATION

Standard: UL 2580

Standard ID: Batteries for Use in Electric Vehicles [ANSI/CAN/UL/ULC 2580:2020 Ed.3+R:31Mar2021]

Previous Standard ID: Batteries for Use in Electric Vehicles [ANSI/CAN/UL/ULC 2580:2020 Ed.3+R:01Apr2020]

EFFECTIVE DATE OF NEW/REVISED REQUIREMENTS

Effective Date: **July 31, 2023**

IMPACT, OVERVIEW, AND ACTION REQUIRED

Impact Statement: Per our accreditation, Intertek is required to review reports against the standard revisions to confirm compliance. Once compliance is confirmed, the standard reference in the report is updated to show continued compliance to the technical requirements of the standard. Reports not updated to this version by the effective date above will be withdrawn.

Overview of Changes: Corrections to lead acid battery criteria. Specific details of new/revised requirements are found in table below.

Current Listings Not Active? – Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records. We will do this at no charge as long as Intertek is notified in writing prior to the review of your reports.



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CLAUSE	VERDICT	COMMENT
		<i>Additions to existing requirements are <u>underlined</u> and deletions are shown lined-out below.</i>
45	Info	Instructions <i>New clause added;</i>
45.6		The instructions for an electric energy storage assembly employing vented batteries such as vented lead acid batteries, shall indicate that indoor charging facilities be provided with ventilation in accordance with the local codes.
Annex D	Info	Alternative Test Program for Secondary Lithium Cells
D.2	Info	Preconditioning and Capacity Check
D.2.2		Capacity check
D.2.2.2		The cell shall be discharged at room temperature at a constant current at 0.2C rate down to the specified end of discharge voltage. The cell shall then be charged <u>at 25 ±5°C (77 ±9°F) and in accordance with the recommended charging parameters</u> at the maximum charging rate and maximum charge temperature specified by the manufacturer until fully charged. The cell shall then be allowed to stabilize at room ambient.