

STANDARD INFORMATION

Standard: UL 9540

Standard ID: Energy Storage Systems and Equipment [ANSI/CAN/UL 9540:2023 Ed.3+R:07Mar2025]

Previous Standard ID: Energy Storage Systems and Equipment [ANSI/CAN/UL 9540:2023 Ed.3]

EFFECTIVE DATE OF NEW/REVISED REQUIREMENTS

Effective Date: **March 7, 2027**

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 Reports not updated to this version by the effective date above will be withdrawn.

This standard contains Functional Safety requirements.

Overview of Changes: Manufacturer's installation instructions for residential ESS. 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 – Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records.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>New annex added;</i>
Annex H		MANUFACTURER'S INSTALLATION INSTRUCTIONS TEMPLATE FOR RESIDENTIAL ESS
H1		Manufacturer's Installation Instructions Template Instructions
H1.1		The first four columns in Table H.1 is the template that shall be used and filled in with the manufacturer's installation instructions information that is required to be provided with each ESS in accordance with this Standard.
H1.2		If there are multiple units referenced in the manufacturer's installation instructions, use a separate table for each separate unit, or add additional columns to the table to address the information for multiple units.
H1.3		No value shall be left blank. If a parameter was not evaluated, then the value shall be "N/E" for "Not Evaluated." If a parameter is not applicable, then the value shall be "N/A" for "Not Applicable."
Table H.1		Manufacturer's Installation Instructions Template for Residential ESS See standard for details.