

INTERNATIONAL STANDARD

**Electrical energy storage (EES) systems -
Part 5-2: Safety requirements for grid-integrated EES systems - Electrochemical-
based systems**

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

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Part 5-2: Safety requirements for grid-integrated EES systems -
Electrochemical-based systems**

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This second edition cancels and replaces the first edition published in 2020. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

- a) New BESS categories: This document created new BESS energy categories "E-LI" (integrated within one enclosure), and "E-LS"(separated by two or more enclosures), because the safety measures are different for systems with one enclosure and systems with multiple enclosures.
- b) Location risk: This document added information about differences in risk depending on location.