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

**Systèmes de stockage de l'énergie électrique (EES) -
Partie 5-2: Exigences de sécurité pour les systèmes EES intégrés dans un
réseau - Systèmes électrochimiques**

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IEC Secretariat
3, rue de Varembe
CH-1211 Geneva 20
Switzerland

Tel.: +41 22 919 02 11
info@iec.ch
www.iec.ch

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

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

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IEC 62933-5-2 has been prepared by IEC technical committee 120: Electrical Energy Storage (EES) systems. It is an International Standard.

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.