

**SLOVENSKI STANDARD
SIST EN IEC 62133-1:2026****01-julij-2026****Nadomešča:
SIST EN 62133-1:2018**

Sekundarni člani in baterije z alkalnimi ali drugimi nekislinskimi elektroliti - Varnostne zahteve za prenosne zatesnjene sekundarne člene in za baterije, narejene iz njih, za uporabo v prenosnih napravah - 1. del: Nikljevi sistemi

Secondary cells and batteries containing alkaline or other non-acid electrolytes - Safety requirements for portable sealed secondary cells, and for batteries made from them, for use in portable applications - Part 1: Nickel systems

Sekundärzellen und -batterien mit alkalischen oder anderen nicht säurehaltigen Elektrolyten - Sicherheitsanforderungen für tragbare gasdichte Sekundärzellen und daraus hergestellte Batterien für die Verwendung in tragbaren Geräten - Teil 1: Nickel-Systeme

Accumulateurs alcalins et autres accumulateurs à électrolyte non acide - Exigences de sécurité pour les accumulateurs portables étanches, et pour les batteries qui en sont constituées, destinés à l'utilisation dans des applications portables - Partie 1: Systèmes au nickel

Ta slovenski standard je istoveten z: EN IEC 62133-1:2026**ICS:**

| | | |
|-----------|--------------------------------------|--|
| 29.220.30 | Alkalni sekundarni člani in baterije | Alkaline secondary cells and batteries |
|-----------|--------------------------------------|--|

SIST EN IEC 62133-1:2026**en**

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EUROPEAN STANDARD

EN IEC 62133-1

NORME EUROPÉENNE

EUROPÄISCHE NORM

April 2026

ICS 29.220.30

Supersedes EN 62133-1:2017

English Version

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(IEC 62133-1:2026)

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Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CENELEC member.

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European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

EN IEC 62133-1:2026 (E)**European foreword**

The text of document 21A/946/FDIS, future edition 2 of IEC 62133-1, prepared by SC 21A "Secondary cells and batteries containing alkaline or other non-acid electrolytes" of IEC/TC 21 "Secondary cells and batteries" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 62133-1:2026.

The following dates are fixed:

- latest date by which the document has to be implemented at national (dop) 2027-04-30 level by publication of an identical national standard or by endorsement
- latest date by which the national standards conflicting with the (dow) 2029-04-30 document have to be withdrawn

This document supersedes EN 62133-1:2017 and all of its amendments and corrigenda (if any).

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Endorsement notice

The text of the International Standard IEC 62133-1:2026 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following notes have to be added for the standard indicated:

| | | |
|--------------------|------|-----------------------------------|
| IEC 60051 (series) | NOTE | Approved as EN IEC 60051 (series) |
| IEC 60664 (series) | NOTE | Approved as EN 60664 (series) |
| IEC 61434 | NOTE | Approved as EN 61434 |

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE 1 Where an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cencenelec.eu.

| <u>Publication</u> | <u>Year</u> | <u>Title</u> | <u>EN/HD</u> | <u>Year</u> |
|--------------------|-------------|--|--------------|-------------|
| IEC 60050-482 | 2004 | International Electrotechnical Vocabulary - Part 482: Primary and secondary cells and batteries | - | - |
| IEC 61951-1 | - | Secondary cells and batteries containing alkaline or other non-acid electrolytes - Secondary sealed cells and batteries for portable applications - Part 1: Nickel-Cadmium | EN 61951-1 | - |
| IEC 61951-2 | - | Secondary cells and batteries containing alkaline or other non-acid electrolytes - Secondary sealed cells and batteries for portable applications - Part 2: Nickel-metal hydride | EN 61951-2 | - |
| ISO/IEC Guide 51 | - | Safety aspects - Guidelines for their inclusion in standards | - | - |

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INTERNATIONAL STANDARD

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from them, for use in portable applications -
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