



Institut luxembourgeois de la normalisation
de l'accréditation, de la sécurité et qualité
des produits et services

ILNAS-EN 61951-1:2017/A1:2023

**Secondary cells and batteries
containing alkaline or other non-acid
electrolytes - Secondary sealed cells
and batteries for portable applications**

Sekundärzellen und -batterien mit
alkalischen oder anderen
nichtsäurehaltigen Elektrolyten -
Tragbare wiederaufladbare gasdichte

Accumulateurs alcalins et autres
accumulateurs à électrolyte non-acide -
Accumulateurs étanches pour
applications portables - Partie 1: Nickel-

03/2023



National Foreword

This European Standard EN 61951-1:2017/A1:2023 was adopted as Luxembourgish Standard ILNAS-EN 61951-1:2017/A1:2023.

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ILNAS-EN 61951-1:2017/A1:2023

EUROPEAN STANDARD **EN 61951-1:2017/A1**

NORME EUROPÉENNE

EUROPÄISCHE NORM

March 2023

ICS 29.220.30

English Version

**Secondary cells and batteries containing alkaline or other non-acid electrolytes - Secondary sealed cells and batteries for portable applications - Part 1: Nickel-cadmium
(IEC 61951-1:2017/AMD1:2023)**

Accumulateurs alcalins et autres accumulateurs à électrolyte non-acide - Accumulateurs étanches pour applications portables - Partie 1: Nickel-cadmium
(IEC 61951-1:2017/AMD1:2023)

Akkumulatoren und Batterien mit alkalischen oder anderen nichtsäurehaltigen Elektrolyten - Tragbare wiederaufladbare gasdichte Einzelzellen - Teil 1: Nickel-Cadmium
(IEC 61951-1:2017/AMD1:2023)

This amendment A1 modifies the European Standard EN 61951-1:2017; it was approved by CENELEC on 2023-03-13. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this amendment the status of a national standard without any alteration.

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.

This amendment exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

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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

European foreword

The text of document 21A/821/FDIS, future IEC 61951-1/AMD1, 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 61951-1:2017/A1:2023.

The following dates are fixed:

- latest date by which the document has to be implemented at national (dop) 2023-12-13 level by publication of an identical national standard or by endorsement
- latest date by which the national standards conflicting with the (dow) 2026-03-13 document have to be withdrawn

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Endorsement notice

The text of the International Standard IEC 61951-1:2017/AMD1:2023 was approved by CENELEC as a European Standard without any modification.

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.

Add the following reference:

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 62902	-	Secondary cells and batteries - Marking symbols for identification of their chemistry	EN IEC 62902	-



INTERNATIONAL STANDARD

NORME INTERNATIONALE

AMENDMENT 1 AMENDEMENT 1

**Secondary cells and batteries containing alkaline or other non-acid electrolytes
– Secondary sealed cells and batteries for portable applications –
Part 1: Nickel-cadmium**

**Accumulateurs alcalins et autres accumulateurs à électrolyte non-acide –
Accumulateurs étanches pour applications portables –
Partie 1: Nickel-cadmium**