



SLOVENSKI STANDARD

SIST EN 61960-3:2018

01-januar-2018

Nadomešča:
SIST EN 61960:2011

**Sekundarne celice in baterije z alkalnimi ali drugimi nekislinskimi elektroliti -
Sekundarni litijevi člani in baterije za prenosne naprave - 3. del: Prizmatični in
cilindrični litijevi sekundarni člani in baterije, narejene iz njih**

Secondary cells and batteries containing alkaline or other non-acid electrolytes -
Secondary lithium cells and batteries for portable applications - Part 3: Prismatic and
cylindrical lithium secondary cells, and batteries made from them

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Ta slovenski standard je istoveten z: EN 61960-3:2017

ICS:

29.220.30	Alkalni sekundarni člani in baterije	Alkaline secondary cells and batteries
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EUROPEAN STANDARD

EN 61960-3

NORME EUROPÉENNE

EUROPÄISCHE NORM

May 2017

ICS 29.220.99

Supersedes EN 61960:2011

English Version

Secondary cells and batteries containing alkaline or other non-acid electrolytes - Secondary lithium cells and batteries for portable applications - Part 3: Prismatic and cylindrical lithium secondary cells, and batteries made from them
(IEC 61960-3:2017)

Accumulateurs alcalins et autres accumulateurs à électrolyte non acide - Accumulateurs au lithium pour applications portables - Partie 3: Eléments et batteries d'accumulateurs au lithium, parallélépipédiques et cylindriques
(IEC 61960-3:2017)

Akkumulatoren und Batterien mit alkalischen oder anderen nichtsäurehaltigen Elektrolyten - Lithium-Akkumulatoren und -batterien für tragbare Geräte - Teil 3: Prismatische und zylindrische Akkumulatoren und daraus hergestellte Batterien
(IEC 61960-3:2017)

This European Standard was approved by CENELEC on 2017-03-14. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

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SIST EN 61960-3:2018

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

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

EN 61960-3:2017**European foreword**

The text of document 21A/618/FDIS, future edition 1 of IEC 61960-3, 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 61960-3:2017.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2017-12-14
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2020-03-14

This document supersedes EN 61960:2011

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The text of the International Standard IEC 61960-3:2017 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 standards indicated:

IEC 60051	NOTE	Harmonized in EN 60051 series.
IEC 60086-4	NOTE	Harmonized as EN 60086-4.
IEC 61434	NOTE	Harmonized as EN 61434.
IEC 61959	NOTE	Harmonized as EN 61959.
IEC 62281	NOTE	Harmonized as EN 62281.
IEC 62368-1	NOTE	Harmonized as EN 62368-1.

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE 1 When 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.cenelec.eu.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60050-482	2004	International Electrotechnical Vocabulary (IEV) - Part 482: Primary and secondary cells and batteries	-	-
IEC 61000-4-2	-	Electromagnetic compatibility (EMC) - Part 4-2: Testing and measurement techniques - Electrostatic discharge immunity test	EN 61000-4-2	-
IEC 62133-2	2017	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 2: Lithium systems	EN 62133-2	2017

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IEC 61960-3

Edition 1.0 2017-02

INTERNATIONAL STANDARD

NORME INTERNATIONALE

Secondary cells and batteries containing alkaline or other non-acid electrolytes – Secondary lithium cells and batteries for portable applications – Part 3: Prismatic and cylindrical lithium secondary cells, and batteries made from them

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Accumulateurs alcalins et autres accumulateurs à électrolyte non acide – Accumulateurs au lithium pour applications portables – Partie 3: Eléments et batteries d'accumulateurs au lithium, parallélépipédiques et cylindriques

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CONTENTS

FOREWORD.....	4
1 Scope.....	6
2 Normative references	7
3 Terms and definitions	7
4 Parameter measurement tolerances	8
5 Cell designation and marking.....	8
5.1 Cell and battery designation.....	8
5.2 Marking.....	10
5.3 Providing the design and produce requirement of batteries	10
6 Examples of cells	10
7 Electrical tests	11
7.1 General.....	11
7.2 Charging procedure for test purposes	12
7.3 Discharge performance	12
7.3.1 Discharge performance at 20 °C (rated capacity)	12
7.3.2 Discharge performance at –20 °C	12
7.3.3 High rate discharge performance at 20 °C.....	12
7.4 Charge (capacity) retention and recovery.....	13
7.5 Charge (capacity) recovery after long term storage	13
7.6 Endurance in cycles.....	14
7.6.1 General.....	14
7.6.2 Endurance in cycles at a rate of 0,2 I _n A	14
7.6.3 Endurance in cycles at a rate of 0,5 I _n A (accelerated test procedure).....	14
7.7 Battery internal resistance	14
7.7.1 General.....	14
7.7.2 Measurement of the internal AC resistance	15
7.7.3 Measurement of the internal DC resistance.....	15
7.8 Electrostatic discharge (ESD)	16
7.8.1 General.....	16
7.8.2 Test procedure	16
7.8.3 Acceptance criterion	16
8 Test protocol and conditions for type approval.....	16
8.1 Test protocol.....	16
8.2 Conditions for type approval	16
8.2.1 Dimensions	16
8.2.2 Electrical tests	16
8.2.3 Conditional type approval	16
Annex A (informative) Dimensions of the cell with a laminate film case	19
A.1 General.....	19
A.2 Measuring method of cell thickness	19
A.3 Measuring method of cell width	19
Annex B (informative) Capacity after storage	21
Bibliography.....	22
Figure 1 – Sample sizes and sequence of tests	17

Figure A.1 – Thickness measuring method.....	20
Figure A.2 – Width measuring method	20
Table 1 – Specification examples of secondary lithium cells for portable applications	11
Table 2 – Examples of secondary lithium cells for portable applications.....	11
Table 3 – Endurance in cycles at a rate of 0,2 I_t A.....	14
Table 4 – Endurance in cycles at a rate of 0,5 I_t A.....	14
Table 5 – Minimum requirements for each type of secondary lithium cells and batteries.....	18
Table B.1 – Capacity after storage	21

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**SECONDARY CELLS AND BATTERIES CONTAINING ALKALINE
OR OTHER NON-ACID ELECTROLYTES – SECONDARY LITHIUM CELLS
AND BATTERIES FOR PORTABLE APPLICATIONS –**

**Part 3: Prismatic and cylindrical lithium secondary cells,
and batteries made from them**

FOREWORD

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International Standard IEC 61960-3 has been prepared by subcommittee 21A: Secondary cells and batteries containing alkaline or other non-acid electrolytes, of IEC technical committee 21: Secondary cells and batteries.

This first edition cancels and replaces the second edition of IEC 61960 published in 2011. It is a technical revision.

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

- adding definition of portable applications (Scope),
- update of examples of cells (Table 1 and 2),

- adding “Dimensions of the cell with a laminate film case” (Annex A),
- adding “Capacity after storage” (from the date of manufacture) (Annex B).

The text of this standard is based on the following documents:

FDIS	Report on voting
21A/618/FDIS	21A/625/RVD

Full information on the voting for the approval of this International Standard can be found in the report on voting indicated in the above table.

This document has been drafted in accordance with the ISO/IEC Directives, Part 2.

A list of all parts in the IEC 61960 series, published under the general title *Secondary cells and batteries containing alkaline or other non-acid electrolytes – Secondary lithium cells and batteries for portable applications*, can be found on the IEC website.

The committee has decided that the contents of this document will remain unchanged until the stability date indicated on the IEC website under "http://webstore.iec.ch" in the data related to the specific document. At this date, the document will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

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