SLOVENSKI STANDARD
SIST EN IEC 62813:2025

01-maj-2025

Litij-ionski kondenzatorji za električno in elektronsko opremo - Metode za preskušanje električnih karakteristik (IEC 62813:2025)

Lithium ion capacitors for use in electric and electronic equipment - Test methods for electrical characteristics (IEC 62813:2025)

Lithium-Ionen-Kondensatoren zur Verwendung in elektrischen und elektronischen Geräten - Prüfverfahren für die elektrischen Kennwerte (IEC 62813:2025)

Condensateurs au lithium-ion destinés à être utilisés dans les équipements électriques et électroniques - Méthodes d'essai relatives aux caractéristiques électriques (IEC 62813:2025)

Ta slovenski standard je istoveten z: **EN IEC 62813:2025**

ICS:

31.060.99	Drugi kondenzatorji	Other capacitors

SIST EN IEC 62813:2025 **en**

EUROPEAN STANDARD

NORME EUROPÉENNE

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English Version

Lithium ion capacitors for use in electric and electronic equipment - Test methods for electrical characteristics (IEC 62813:2025)

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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 40/3178/FDIS, future edition 2 of IEC 62813, prepared by TC 40 "Capacitors and resistors for electronic equipment" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 62813:2025.

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) 2026-02-28
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2028-02-29

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The text of the International Standard IEC 62813:2025 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 61881-3:2012	NOTE	Approved as EN 61881-3:2012 (not modified)
IEC 62391-1:2022	NOTE	Approved as EN IEC 62391-1:2022 (not modified)
IEC 62576:2018	NOTE	Approved as EN IEC 62576:2018 (not modified)

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.

Publication	Year	Title	EN/HD	Year
IEC 60068-1	2013	Environmental testing - Part 1: General and guidance	EN 60068-1	2014

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NORME INTERNATIONALE

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LITHIUM-ION CAPACITORS FOR USE IN ELECTRIC AND ELECTRONIC EQUIPMENT – TEST METHODS FOR ELECTRICAL CHARACTERISTICS

FOREWORD

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IEC 62813 has been prepared by IEC technical committee 40: Capacitors and resistors for electronic equipment. It is an International Standard.

This second edition cancels and replaces the first edition published in 2015. This edition constitutes a technical revision.

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

a) The document has been restructured to comply with the ISO/IEC Directives, Part 2.

The text of this International Standard is based on the following documents:

Draft	Report on voting
40/3178/FDIS	40/3195/RVD

Full information on the voting for its approval can be found in the report on voting indicated in the above table.

The language used for the development of this International Standard is English.

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at www.iec.ch/members_experts/refdocs. The main document types developed by IEC are described in greater detail at www.iec.ch/publications.

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

- reconfirmed,
- withdrawn, or
- revised.