

High-temperature secondary batteries - Part 2: Safety requirements and tests

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN IEC 62984-2:2020 sisaldab Euroopa standardi EN IEC 62984-2:2020 ingliskeelset teksti.	This Estonian standard EVS-EN IEC 62984-2:2020 consists of the English text of the European standard EN IEC 62984-2:2020.
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English Version

**High-temperature secondary batteries - Part 2: Safety
requirements and tests
(IEC 62984-2:2020)**

Batteries d'accumulateurs à haute température - Partie 2:
Exigences de sécurité et essais
(IEC 62984-2:2020)

Hochtemperatur-Sekundärbatterien - Teil 2:
Sicherheitsanforderungen und Prüfungen von Zellen und
Batterien
(IEC 62984-2:2020)

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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 21/1032/FDIS, future edition 1 of IEC 62984-2, prepared by IEC/TC 21 "Secondary cells and batteries" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 62984-2:2020.

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) 2021-01-15
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2023-04-15

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Endorsement notice

The text of the International Standard IEC 62984-2:2020 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 60068-2-64	NOTE	Harmonized as EN 60068-2-64
IEC 60068-2-75	NOTE	Harmonized as EN 60068-2-75
IEC 60721-3-2	NOTE	Harmonized as EN IEC 60721-3-2
IEC 60952 (series)	NOTE	Harmonized as EN 60952 (series)
IEC 61982 (series)	NOTE	Harmonized as EN 61982 (series)
IEC 62262	NOTE	Harmonized as EN 62262
IEC 61373	NOTE	Harmonized as EN 61373

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.cenelec.eu.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60068-2-18	2017	Environmental testing - Part 2-18: Tests - Test R and guidance: Water	EN 60068-2-18	2017
IEC 60112	-	Method for the determination of the proof and the comparative tracking indices of solid insulating materials	EN 60112	-
IEC 60204-1	-	Safety of machinery - Electrical equipment of machines - Part 1: General requirements	EN 60204-1	-
IEC 60529	-	Degrees of protection provided by enclosures (IP Code)	-	-
IEC 60664-1	2007	Insulation coordination for equipment within low-voltage systems - Part 1: Principles, requirements and tests	EN 60664-1	2007
IEC 61140	2016	Protection against electric shock - Common aspects for installation and equipment	EN 61140	2016
IEC 61508	series	Functional safety of electrical/electronic/programmable electronic safety-related systems	EN 61508	series
IEC 62984-1	2020	High-temperature secondary batteries - Part 1: General requirements	-	-

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

HIGH-TEMPERATURE SECONDARY BATTERIES –**Part 2: Safety requirements and tests****FOREWORD**

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International Standard IEC 62984-2 has been prepared by IEC technical committee 21: Secondary cells and batteries.

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

FDIS	Report on voting
21/1032/FDIS	21/1042/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.

This document is to be read in conjunction with IEC 62984-1:2020.

A list of all parts in the IEC 62984 series, published under the general title *High-temperature secondary batteries*, 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

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- replaced by a revised edition, or
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