



**BSI Standards Publication**

# **Secondary cells and batteries containing alkaline or other non-acid electrolytes — Sealed nickel-metal hydride cells and batteries for use in industrial applications**

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Part 1: Performance

## National foreword

This British Standard is the UK implementation of EN 63115-1:2020+A1:2022. It is identical to IEC 63115-1:2020, incorporating amendment 1:2022. It supersedes EN 63115-1:2020, which is withdrawn.

The start and finish of text introduced or altered by amendment is indicated in the text by tags. Tags indicating changes to IEC text carry the number of the IEC amendment. For example, text altered by IEC amendment 1 is indicated by **A1** **A1**.

The UK participation in its preparation was entrusted to Technical Committee PEL/21, Secondary cells and batteries.

A list of organizations represented on this committee can be obtained on request to its committee manager.

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**Amendments/corrigenda issued since publication**

| Date            | Text affected                                                           |
|-----------------|-------------------------------------------------------------------------|
| 31 January 2023 | Implementation of IEC amendment 1:2022 with CENELEC endorsement A1:2022 |



English Version

Secondary cells and batteries containing alkaline or other non-acid electrolytes - Sealed nickel-metal hydride cells and batteries for use in industrial applications - Part 1: Performance  
(IEC 63115-1:2020)

Accumulateurs alcalins et autres accumulateurs à électrolyte non acide - Accumulateurs étanches au nickel-métal hydrure destinés à l'utilisation dans des applications industrielles - Partie 1: Performances  
(IEC 63115-1:2020)

Sekundärzellen und -batterien mit alkalischen oder anderen nichtsäurehaltigen Elektrolyten - Wiederaufladbare gasdichte Nickel-Metallhydrid-Zellen und -Module für den Gebrauch in industriellen Anwendungen - Teil 1: Leistungsfähigkeit  
(IEC 63115-1:2020)

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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 21A/716/FDIS, future edition 1 of IEC 63115-1, 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 63115-1:2020.

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) 2020-11-24
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2023-02-24

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

|                    |      |                                            |
|--------------------|------|--------------------------------------------|
| IEC 60051 (series) | NOTE | Harmonized as EN 60051/A2 (series)         |
| IEC 61434:1996     | NOTE | Harmonized as EN 61434:1996 (not modified) |
| IEC 63115-2        | NOTE | Harmonized as EN IEC 63115-2 <sup>1</sup>  |

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<sup>1</sup> To be published. Stage at the time of publication: prEN IEC 63115-2:2019.

## European foreword to amendment 1

The text of document 21A/811/FDIS, future IEC 63115-1/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 IEC 63115-1:2020/A1:2022.

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- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2023-09-12
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**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](http://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 - Part 482: Primary and secondary cells and batteries                                                                     | -            | -           |
| IEC 61434          | 1996        | Secondary cells and batteries containing alkaline or other non-acid electrolytes - Guide to designation of current in alkaline secondary cell and battery standards | EN 61434     | 1996        |
| IEC 62675          | 2014        | Secondary cells and batteries containing alkaline or other non-acid electrolytes - Sealed nickel-metal hydride prismatic rechargeable single cells                  | EN 62675     | 2014        |
| ISO/IEC Guide 51   | -           | Safety aspects - Guidelines for their inclusion in standards                                                                                                        | -            | -           |

# INTERNATIONAL STANDARD

## NORME INTERNATIONALE



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**Secondary cells and batteries containing alkaline or other non-acid electrolytes – Sealed nickel-metal hydride cells and batteries for use in industrial applications –  
Part 1: Performance**

**Accumulateurs alcalins et autres accumulateurs à électrolyte non acide –  
Accumulateurs étanches au nickel-métal hydrure destinés à l'utilisation dans les applications industrielles –  
Partie 1: Performances**

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