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BSI Standards Publication

Primary batteries

Part 4: Safety of lithium batteries

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National foreword

This British Standard is the UK implementation of EN IEC 60086-4:2019. It is identical to IEC 60086-4:2019, incorporating corrigendum May 2020. It supersedes BS EN 60086-4:2015, which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee CPL/35, Primary cells.

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

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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Compliance with a British Standard cannot confer immunity from legal obligations.

This British Standard was published under the authority of the Standards Policy and Strategy Committee on 31 July 2019.

Amendments/corrigenda issued since publication

Date	Text affected
31 May 2020	Implementation of IEC Interpretation Sheet 1

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EUROPÄISCHE NORM

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Supersedes EN 60086-4:2015 and all of its amendments
and corrigenda (if any)

English Version

Primary batteries - Part 4: Safety of lithium batteries (IEC 60086-4:2019)

Piles électriques - Partie 4: Sécurité des piles au lithium
(IEC 60086-4:2019)

Primärbatterien - Teil 4: Sicherheit von Lithium-Batterien
(IEC 60086-4:2019)

This European Standard was approved by CENELEC on 2019-05-30. 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.

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 European Standard 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

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European foreword

The text of document 35/1420/FDIS, future edition 5 of IEC 60086-4, prepared by IEC/TC 35 "Primary cells and batteries" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 60086-4:2019.

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) 2020-02-28
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2022-05-30

This document supersedes EN 60086-4:2015 and all of its amendments and corrigenda (if any).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC shall not be held responsible for identifying any or all such patent rights.

Endorsement notice

The text of the International Standard IEC 60086-4:2019 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 60068-2-6:1995	NOTE	Harmonized as EN 60068-2-6:1995 (not modified)
IEC 60068-2-27:1987	NOTE	Harmonized as EN 60068-2-27:1987 (not modified)
IEC 60068-2-31:2008	NOTE	Harmonized as EN 60068-2-31:2008 (not modified)
IEC 60086-5:2016	NOTE	Harmonized as EN 60086-5:2016 (not modified)
IEC 62133-2	NOTE	Harmonized as EN 62133-2
IEC 60617 (series)	NOTE	Harmonized as EN 60617 (series)
IEC 61960	NOTE	Harmonized as EN 61960
IEC 62281	NOTE	Harmonized as EN IEC 62281
ISO 7010	NOTE	Harmonized as EN ISO 7010

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(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 60086-1	-	Primary batteries - Part 1: General	EN 60086-1	-
IEC 60086-2	-	Primary batteries - Part 2: Physical and electrical specifications	EN 60086-2	-