



NSAI
Standards

Irish Standard
I.S. EN IEC 60086-4:2019

Primary batteries - Part 4: Safety of lithium batteries

I.S. EN IEC 60086-4:2019

Incorporating amendments/corrigenda/National Annexes issued since publication:

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I.S. xxx: Irish Standard — national specification based on the consensus of an expert panel and subject to public consultation.

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This document replaces/revises/consolidates the NSAI adoption of the document(s) indicated on the CEN/CENELEC cover/Foreword and the following National document(s):

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EN IEC 60086-4:2019

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National Foreword

I.S. EN IEC 60086-4:2019 is the adopted Irish version of the European Document EN IEC 60086-4:2019, Primary batteries - Part 4: Safety of lithium batteries

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

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In line with international standards practice the decimal point is shown as a comma (,) throughout this document.

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EUROPEAN STANDARD

EN IEC 60086-4

NORME EUROPÉENNE

EUROPÄISCHE NORM

July 2019

ICS 29.220.10

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)

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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

EN IEC 60086-4:2019 (E)**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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