



NSAI
Standards

Irish Standard
I.S. EN 50342-2:2007&A1:2014

Lead-acid starter batteries -- Part 2: Dimensions of batteries and marking of terminals

I.S. EN 50342-2:2007&A1:2014

Incorporating amendments/corrigenda/National Annexes issued since publication:

EN 50342-2:2007/A1:2014

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This document is based on:

EN 50342-2:2007

Published:

2007-11-30

This document was published under the authority of the NSAI and comes into effect on:

2015-01-16

ICS number:

29.220.20

NOTE: If blank see CEN/CENELEC cover page

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Údarás um Chaighdeáin Náisiúnta na hÉireann

EUROPEAN STANDARD

EN 50342-2:2007/A1

NORME EUROPÉENNE

EUROPÄISCHE NORM

December 2014

ICS 29.220.20

English Version

Lead-acid starter batteries - Part 2: Dimensions of batteries and marking of terminals

Batteries d'accumulateurs de démarrage au plomb - Partie
2: Dimensions des batteries et marquage des bornes

Blei-Akkumulatoren-Starterbatterien - Teil 2: Maße von
Batterien und Kennzeichnung von Anschlüssen

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Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

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Foreword

This document (EN 50342-2:2007/A1:2014) has been prepared by CLC/TC 21X "Secondary cells and batteries".

The following dates are fixed:

- latest date by which this document has to be implemented at national (dop) 2015-11-11 level by publication of an identical national standard or by endorsement
- latest date by which the national standards conflicting with this (dow) 2017-11-11 document have to be withdrawn

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 50342-2

November 2007

ICS 29.220.20

Supersedes EN 60095-2:1993 + A11:1994

English version

**Lead-acid starter batteries -
Part 2: Dimensions of batteries and marking of terminals**

Batteries d'accumulateurs
de démarrage au plomb -
Partie 2: Dimensions des batteries
et marquage des bornes

Blei-Akkumulatoren-Starterbatterien -
Teil 2: Maße von Batterien
und Kennzeichnung von Anschlüssen

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CENELEC

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Comité Européen de Normalisation Electrotechnique
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Central Secretariat: rue de Stassart 35, B - 1050 Brussels

Foreword

This European Standard was prepared by the Technical Committee CENELEC TC 21X, Secondary cells and batteries.

The text of the draft was submitted to the Unique Acceptance Procedure (as prEN + prAA) and was approved by CENELEC as EN 50342-2 on 2007-07-01.

This European Standard supersedes EN 60095-2:1993 + A11:1994.

The following dates were fixed:

- latest date by which the EN has to be implemented
at national level by publication of an identical
national standard or by endorsement (dop) 2008-07-01
 - latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 2010-07-01
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1 Scope

This European Standard is applicable to lead-acid batteries used for starting, lighting and ignition of passenger automobiles and light commercial vehicles with a nominal voltage of 12 V.

All batteries in accordance with this European Standard can be fastened to the vehicle either by means of the ledges around the case or by means of a hold-down device engaging with the lid.

2 Normative references

The following referenced documents are indispensable for the application 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.

EN 50342-1	Lead-acid starter batteries – Part 1: General requirements and methods of test
EN 61429	Marking of secondary cells and batteries with the international recycling symbol ISO 7000-1135 and indications regarding directives 93/86/EEC and 91/157/EEC (IEC 61429)
IEC 60050-482	International Electrotechnical Vocabulary – Part 482: Primary and secondary cells and batteries
IEC 60417	Graphical Symbols for use on Equipment
EN ISO 1043-1	Plastics – Symbols and abbreviated terms - Part 1: Basic polymers and their special characteristics (ISO 1043-1)

3 Definitions

For the purpose of this document, the definitions of IEC 60050-482, International Electrotechnical Vocabulary, are applicable.

4 General requirements

The following specifications are common to all vehicle batteries, not only for the batteries of this standard.

4.1 Marking

4.1.1 Safety labelling

The batteries shall bear the six coloured safety symbols in accordance with EN 50342-1.

4.1.2 Marking of the polarity of terminals

The batteries shall be marked with signs for both polarities that have to be positioned near to or on the top face of the terminals.

4.1.2.1 Marking of positive terminals

This marking shall take the form of the symbol '+' either on the upper surface of the positive terminal or on the lid adjacent to the positive terminal.

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