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NSAI Standards

Irish Standard
I.S. EN 50342-4:2009

Lead-acid starter batteries -- Part 4: Dimensions of batteries for heavy vehicles

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I.S. EN 50342-4:2009

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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 50342-4

July 2009

ICS 29.220.20

Supersedes EN 60095-4:1993 + A11:1994

English version

Lead-acid starter batteries - Part 4: Dimensions of batteries for heavy vehicles

Batteries d'accumulateurs de démarrage au plomb - Partie 4: Dimensions des batteries pour poids lourds

Blei-Akkumulatoren-Starterbatterien - Teil 4: Maße von Nutzkraftwagen-Batterien

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CENELEC

European Committee for Electrotechnical Standardization
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Ref. No. EN 50342-4:2009 E

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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 and was approved by CENELEC as EN 50342-4 on 2009-07-01.

This European Standard supersedes EN 60095-4:1993 + 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)	2010-07-01
– latest date by which the national standards conflicting with the EN have to be withdrawn	(dow)	2012-07-01

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1 Scope and object

This European Standard is applicable to lead-acid batteries used for heavy vehicles.

The object of this European Standard is to specify the European requirements of the main dimensions of starter batteries.

For new and future developments of the above applications it is strongly recommended that only batteries from the “Preferred Types” series be used.

Batteries of the series of “Other Types” exist under several national standards. They have been transferred from the previous standard EN 60095-4.

The preferred types A, B and C are newly introduced and correspond closely to the types D4, D5 and D6 with some differences in tolerances and dimensions.

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 50342-2, Lead-acid starter batteries – Part 2: Dimensions of batteries and marking of terminals

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)

EN ISO 1043-1:2001, Plastics – Symbols and abbreviated terms – Part 1: Basic polymers and their special characteristics (ISO 1043-1:2001)

IEC 60050-482:2004, International Electrotechnical Vocabulary (IEV) – Part 482: Primary and secondary cells and batteries

IEC 60417 database, Graphical symbols for use on equipment

3 Definitions

For the purposes of this document, the terms and definitions of IEC 60050-482 are applicable.

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