

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

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN 50342-2:2019 sisaldab Euroopa standardi EN 50342-2:2019 ingliskeelset teksti.	This Estonian standard EVS-EN 50342-2:2019 consists of the English text of the European standard EN 50342-2:2019.
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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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Contents

Page

European foreword	3
1 Scope	4
2 Normative references	4
3 Terms and definitions	4
4 General requirements.....	4
4.1 General.....	4
4.2 Marking	4
4.2.1 Safety labelling.....	4
4.2.2 Marking of the polarity of terminals.....	4
4.3 Recycling	5
4.3.1 Recycling of lead	5
4.3.2 Recycling of plastic material	5
4.4 Dimensions and design	6
5 Recommended types.....	6
5.1 General.....	6
5.2 Main dimensions of batteries	6
5.3 Handles	11
5.3.1 General.....	11
5.3.2 Mounting of handles.....	12
5.4 Mounting of batteries	12
5.4.1 General.....	12
5.4.2 Dimensions and arrangement of ledges and notches	12
5.5 Terminals	13
5.5.1 Position of terminals	13
5.5.2 Dimensions of battery terminals	13
5.5.3 Marking of polarity.....	14
5.6 Special features of the battery lid	14
5.6.1 General.....	14
5.6.2 Semi bloc lid.....	14
5.6.3 Central degassing.....	14
5.6.4 Recessed holes.....	15
5.6.5 Removable cell plugs	16
5.6.6 Position of sensor openings	16
5.7 Handling of starter batteries by robot-equipment.....	16
5.8 Bulging and reinforcement of battery side walls	18
6 Other battery types	19
6.1 General.....	19
6.2 Main dimensions of batteries	20
6.3 Handles	25
6.4 Mounting of batteries	25
6.4.1 General.....	25
6.4.2 Dimensions and arrangement of ledges and notches	25
6.5 Terminals	26
6.5.1 Position of terminals	26
6.5.2 Dimensions of battery terminals	26
6.5.3 Marking of polarity.....	26
6.6 Handling of starter batteries by robot-equipment.....	26
Bibliography	29

European foreword

This document (EN 50342-2:2019) has been prepared by CLC/TC 21X "Secondary cells and batteries".

The following dates are fixed:

- latest date by which this document has (dop) 2020-08-19
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publication of an identical national
standard or by endorsement
- latest date by which the national (dow) 2022-08-19
standards conflicting with this document
have to be withdrawn

This document supersedes EN 50342-2:2007 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.

1 Scope

This document 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 document 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 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.

EN 50342-1, *Lead-acid starter batteries - Part 1: General requirements and methods of test*

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

IEC 60417, *Graphical Symbols for use on Equipment*

ISO 11469, *Plastics — Generic identification and marking of plastics products*

ISO 1043-1, *Plastics — Symbols and abbreviated terms — Part 1: Basic polymers and their special characteristics*

3 Terms and definitions

For the purpose of this document, the terms and definitions given in IEC 60050-482 apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- IEC Electropedia: available at <http://www.electropedia.org/>
- ISO Online browsing platform: available at <http://www.iso.org/obp>

4 General requirements

4.1 General

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

4.2 Marking

4.2.1 Safety labelling

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

4.2.2 Marking of the polarity of terminals

4.2.2.1 General

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.

4.2.2.2 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.