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Secondary cells and batteries - Marking symbols for identification of their chemistry

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 09/19

Obsahuje: EN IEC 62902:2019, IEC 62902:2019

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EUROPEAN STANDARD

EN IEC 62902

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English Version

Secondary cells and batteries - Marking symbols for identification of their chemistry (IEC 62902:2019)

Batteries d'accumulateurs - Symboles de marquage pour
l'identification de leur caractéristique chimique
(IEC 62902:2019)

Sekundär-Batterien - Symbole für die Kennzeichnung zur
Identifikation ihrer Chemie
(IEC 62902:2019)

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EN IEC 62902:2019 (E)**European foreword**

The text of document 21/990/FDIS, future edition 1 of IEC 62902, prepared by IEC/TC 21 "Secondary cells and batteries" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 62902:2019.

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) 2019-12-12
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In the official version, for Bibliography, the following notes have to be added for the standards indicated:

IEC 60622	NOTE	Harmonized as EN 60622
IEC 61056 (series)	NOTE	Harmonized as EN 61056 (series)
IEC 61951-1	NOTE	Harmonized as EN 61951-1
IEC 61951-2	NOTE	Harmonized as EN 61951-2
IEC 61960-3	NOTE	Harmonized as EN 61960-3
IEC 62620:2014	NOTE	Harmonized as EN 62620:2015 (not modified)
IEC 62675	NOTE	Harmonized as EN 62675

Annex ZA

(normative)

Normative references to international publications with their corresponding European publications

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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 60896-21	2004	Stationary lead-acid batteries - Part 21: Valve regulated types - Methods of test	EN 60896-21	2004
IEC 60896-22	2004	Stationary lead-acid batteries - Part 22: Valve regulated types - Requirements	EN 60896-22	2004
ISO 7000	-	Graphical symbols for use on equipment - Registered symbols	-	-



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Secondary cells and batteries – Marking symbols for identification of their chemistry

Batteries d'accumulateurs – Symboles de marquage pour l'identification de leur caractéristique chimique

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IEC Central Office
3, rue de Varembe
CH-1211 Geneva 20
Switzerland

Tel.: +41 22 919 02 11
info@iec.ch
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INTERNATIONAL STANDARD

NORME INTERNATIONALE



Secondary cells and batteries – Marking symbols for identification of their chemistry

Batteries d'accumulateurs – Symboles de marquage pour l'identification de leur caractéristique chimique

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**SECONDARY CELLS AND BATTERIES –
MARKING SYMBOLS FOR IDENTIFICATION OF THEIR CHEMISTRY**

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International Standard IEC 62902 has been prepared by IEC technical committee 21: Secondary cells and batteries.

The text of this International Standard is based on the following documents:

FDIS	Report on voting
21/990/FDIS	21/994/RVD

Full information on the voting for the approval of this International Standard can be found in the report on voting indicated in the above table.

This document has been drafted in accordance with the ISO/IEC Directives, Part 2.

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SECONDARY CELLS AND BATTERIES – MARKING SYMBOLS FOR IDENTIFICATION OF THEIR CHEMISTRY

1 Scope

This document specifies methods for the clear identification of secondary cells, batteries, battery modules and monoblocs according to their chemistry (electrochemical storage technology).

The markings described in this document are applicable for secondary cells, batteries, battery modules and monoblocs with a volume of more than 900 cm³.

The marking of the chemistry is useful for the installation, operation and decommissioning phases of battery life.

Many recycling processes are chemistry specific, thus undesired events can occur when a battery which is not of the appropriate chemistry enters a given recycling process. In order to ensure safe handling during sorting and recycling processes, therefore, the battery is marked so as to identify its chemistry.

This document defines the conditions of utilization of the markings indicating the chemistry of these secondary batteries.

The details of markings and their application are defined in this document.

NOTE Nothing in this document precludes the marking of batteries with recycling and chemistry symbols required by state, federal, national or regional laws or regulations or with a seal under license by a national recycling program.

2 Normative references

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IEC 60896-21:2004, *Stationary lead-acid batteries – Part 21: Valve regulated types – Methods of test*

IEC 60896-22:2004, *Stationary lead-acid batteries – Part 22: Valve regulated types – Requirements*

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