

SLOVENSKI STANDARD SIST EN IEC 62840-1:2025

01-september-2025

Sistem menjave baterij v električnih vozilih - 1. del: Splošno in smernice (IEC 62840-1:2025)

Electric vehicle battery swap system - Part 1: General and guidance (IEC 62840-1:2025)

Batteriewechselsysteme für Elektrofahrzeuge - Teil 1: Allgemeines und Leitfaden (IEC 62840-1:2025)

Teh Standards

Système d'échange de batterie de véhicule électrique - Partie 1: Généralités et recommandations (IEC 62840-1:2025)

Ta slovenski standard je istoveten z: EN IEC 62840-1:2025

SIST FN IFC 62840-1.2025

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<u>ICS:</u>

43.120 Električna cestna vozila

Electric road vehicles

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EUROPEAN STANDARD NORME EUROPÉENNE EUROPÄISCHE NORM

EN IEC 62840-1

June 2025

ICS 43.120

English Version

Electric vehicle battery swap system - Part 1: General and guidance (IEC 62840-1:2025)

Système d'échange de batterie de véhicule électrique -Partie 1: Généralités et recommandations (IEC 62840-1:2025) Batteriewechselsysteme für Elektrofahrzeuge - Teil 1: Allgemeines und Leitfaden (IEC 62840-1:2025)

This European Standard was approved by CENELEC on 2025-06-04. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

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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SIST EN IEC 62840-1:202:

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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

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European foreword

The text of document 69/1035/FDIS, future edition 1 of IEC 62840-1, prepared by TC 69 "Electrical power/energy transfer systems for electrically propelled road vehicles and industrial trucks" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 62840-1:2025.

The following dates are fixed:

- latest date by which the document has to be implemented at national (dop) 2026-06-30 level by publication of an identical national standard or by endorsement
- latest date by which the national standards conflicting with the (dow) 2028-06-30 document have to be withdrawn

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.

This document has been prepared under a standardization request addressed to CENELEC by the European Commission. The Standing Committee of the EFTA States subsequently approves these requests for its Member States.

Any feedback and questions on this document should be directed to the users' national committee. A complete listing of these bodies can be found on the CENELEC website.

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The text of the International Standard IEC 62840-1:2025 was approved by CENELEC as a European Standard without any modification.

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https://stain the official version, for Bibliography, the following notes have to be added for the standard indicated: 0-1-2025

IEC 60364 (series)	NOTE	Approved as HD 60364 (series)
IEC 61000 (series)	NOTE	Approved as EN IEC 61000 (series)
IEC 61851-1:2017	NOTE	Approved as EN IEC 61851-1:2019 (not modified)
IEC 61851-21-2	NOTE	Approved as EN IEC 61851-21-2
IEC 62840 (series)	NOTE	Approved as EN IEC 62840 (series)
IEC 62840-2	NOTE	Approved as EN IEC 62840-2
ISO 10218 (series)	NOTE	Approved as EN ISO 10218 (series)
ISO 17409:2020	NOTE	Approved as EN ISO 17409:2020 (not modified)

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

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.

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: <u>www.cencenelec.eu</u>.

Publication	<u>Year</u>	Title	<u>EN/HD</u>	<u>Year</u>
IEC 60038	-	IEC standard voltages	EN 60038	-
IEC 61439-7	2022	Low-voltage switchgear and controlgear assemblies - Part 7: Assemblies for specific applications such as marinas, camping sites, market squares, electric vehicle charging stations	EN IEC 61439-7	2023
IEC 62368-1	-	Audio/video, information and communication technology equipment - Part 1: Safety requirements	EN IEC 62368-1	-

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