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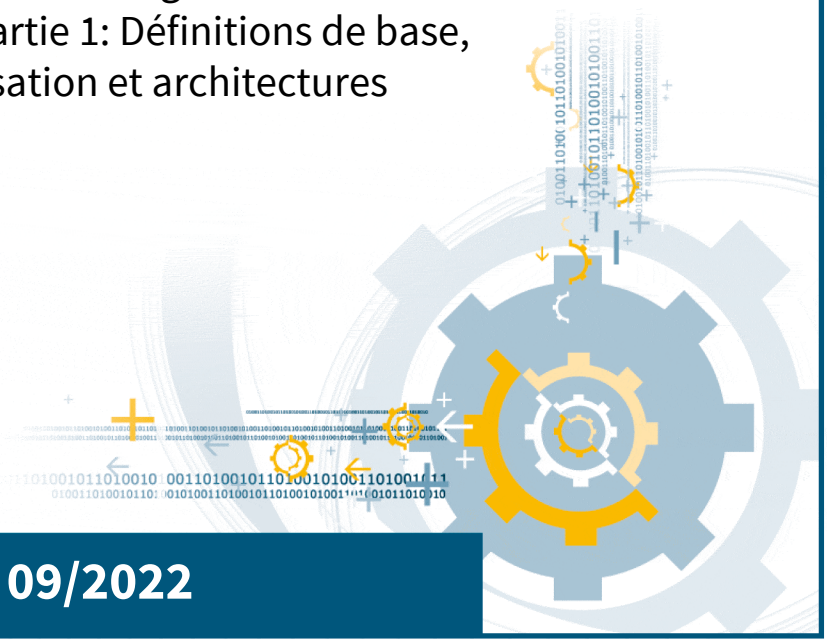
ILNAS-EN IEC 63110-1:2022

Protocol for management of electric vehicles charging and discharging infrastructures - Part 1: Basic definitions, use cases and

Protokoll zum Management von Lade- und Entladeinfrastruktur für Elektrofahrzeuge – Teil 1: Grundlegende Begriffe, Anwendungsfälle und

Protocole de gestion des infrastructures de charge et de décharge des véhicules électriques - Partie 1: Définitions de base, cas d'utilisation et architectures



09/2022

National Foreword

This European Standard EN IEC 63110-1:2022 was adopted as Luxembourgish Standard ILNAS-EN IEC 63110-1:2022.

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN IEC 63110-1

September 2022

ICS 43.120; 03.100.70

English Version

Protocol for management of electric vehicles charging and discharging infrastructures - Part 1: Basic definitions, use cases and architectures (IEC 63110-1:2022)

Protocole de gestion des infrastructures de charge et de décharge des véhicules électriques - Partie 1: Définitions de base, cas d'utilisation et architectures (IEC 63110-1:2022)

Protokoll zum Management von Lade- und Entladeinfrastruktur für Elektrofahrzeuge - Teil 1: Grundlegende Begriffe, Anwendungsfälle und Architektur (IEC 63110-1:2022)

This European Standard was approved by CENELEC on 2022-09-02. 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.

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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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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

Ref. No. EN IEC 63110-1:2022 E

European foreword

The text of document 69/837/FDIS, future edition 1 of IEC 63110-1, prepared by IEC/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 63110-1:2022.

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) 2023-06-02
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2025-09-02

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.

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Endorsement notice

The text of the International Standard IEC 63110-1:2022 was approved by CENELEC as a European Standard without any modification.

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

IEC 61850-7-420	NOTE Harmonized as EN IEC 61850-7-420
IEC 61851-1:2017	NOTE Harmonized as EN IEC 61851-1:2019 (not modified)
IEC 61851-23	NOTE Harmonized as EN 61851-23
IEC 61851-25	NOTE Harmonized as EN IEC 61851-25
IEC 61970 (series)	NOTE Harmonized as EN IEC 61970 (series)
IEC 62559-2:2015	NOTE Harmonized as EN 62559-2:2015 (not modified)
IEC 63119 (series)	NOTE Harmonized as EN IEC 63119 (series)
ISO 15118-1:2019	NOTE Harmonized as EN ISO 15118-1:2019 (not modified)
ISO 15118-20	NOTE Harmonized as EN ISO 15118-20

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: www.cenelec.eu.

Publication	Year	Title	EN/HD	Year
ISO 15118	series	Road vehicles - Vehicle to grid communication interface	EN ISO 15118	series
-	2013	INTERNET ENGINEERING TASK FORCE (IETF). RFC 6960: X.509 Internet Public Key Infrastructure Online Certificate Status Protocol – OCSP [online]. S. Santesson et al. June 2013 [viewed 2022-01-26].	-	-

IEC 63110-1

Edition 1.0 2022-07

INTERNATIONAL STANDARD

NORME INTERNATIONALE

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