

SLOVENSKI STANDARD

SIST EN IEC 55012:2025

01-november-2025

Nadomešča:

SIST EN 55012:2008

SIST EN 55012:2008/A1:2010

**Vozila, plovila in naprave, ki jih poganjajo motorji z notranjim zgorevanjem -
Karakteristike občutljivosti za radijske motnje - Mejne vrednosti in merilne metode
za zaščito zunanjih sprejemnikov**

Vehicles, boats and internal combustion engines - Radio disturbance characteristics -
Limits and methods of measurement for the protection of off-board receivers

Fahrzeuge, Boote und von Verbrennungsmotoren angetriebene Geräte -
Funkstöreigenschaften - Grenzwerte und Messverfahren zum Schutz von außerhalb
befindlichen Empfängern

Véhicules, bateaux et moteurs à combustion interne - Caractéristiques de perturbation
radioélectrique - Limites et méthodes de mesure pour la protection des récepteurs
extérieurs

Ta slovenski standard je istoveten z: EN IEC 55012:2025

ICS:

27.020	Motorji z notranjim zgorevanjem	Internal combustion engines
33.100.10	Emisija	Emission

SIST EN IEC 55012:2025

en

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN IEC 55012

September 2025

ICS 27.020; 33.100.10

Supersedes EN 55012:2007; EN 55012:2007/A1:2009

English Version

Vehicles, boats and devices with internal combustion engines or
traction batteries - Radio disturbance characteristics - Limits and
methods of measurement for the protection of off-board
receivers
(CISPR 12:2025)

Véhicules, bateaux et engins à moteurs à combustion
interne ou batteries de traction - Caractéristiques de
perturbation radioélectrique - Limites et méthodes de
mesure pour la protection des récepteurs extérieurs
(CISPR 12:2025)

Fahrzeuge, Boote und Geräte mit Verbrennungsmotoren
oder Antriebsbatterien - Funkstöreigenschaften -
Grenzwerte und Messverfahren zum Schutz von außerhalb
befindlichen Empfängern
(CISPR 12:2025)

This European Standard was approved by CENELEC on 2025-08-22. 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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CENELEC members are the national electrotechnical committees of Austria, Belgium, Bulgaria, Croatia, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and the United Kingdom.



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

EN IEC 55012:2025 (E)**European foreword**

The text of document CIS/D/507/FDIS, future edition 7 of CISPR 12, prepared by SC CISPR/D "Electromagnetic disturbances related to electric/electronic equipment on vehicles and internal combustion engine powered devices" of IEC/TC CISPR "International special committee on radio interference" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 55012:2025.

The following dates are fixed:

- latest date by which the document has to be implemented at national (dop) 2026-09-30 level by publication of an identical national standard or by endorsement
- latest date by which the national standards conflicting with the (dow) 2028-09-30 document have to be withdrawn

This document supersedes EN 55012:2007 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.

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.

Endorsement notice

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<https://standards.iteh.ai/catalog/standards/sist/2e9999c8-2e8c-4889-9e9d-de8721726c3c/sist-en-iec-55012-2025>

The text of the International Standard CISPR 12:2025 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 standard indicated:

CISPR 14-1	NOTE Approved as EN IEC 55014-1
CISPR 25:2021	NOTE Approved as EN IEC 55025:2022 (not modified)
IEC 61851-21-1:2017	NOTE Approved as EN 61851-21-1:2017 (not modified)
IEC 61000-6-3:2020	NOTE Approved as EN IEC 61000-6-3:2021 (not modified)
IEC 61000-6-4:2018	NOTE Approved as EN IEC 61000-6-4:2019 (not modified)
IEC 61000-6-8:2020	NOTE Approved as EN IEC 61000-6-8:2020 (not modified)
IEC 62196-1:2022	NOTE Approved as EN IEC 62196-1:2022 (not modified)
IEC 61980-1:2020	NOTE Approved as EN IEC 61980-1:2021 (not modified)
IEC 63281-1:2023	NOTE Approved as EN IEC 63281-1:2023 (not modified)
CISPR 16-2-3:2016	NOTE Approved as EN 55016-2-3:2017 (not modified)

CISPR 11	NOTE Approved as EN IEC 55011
CISPR 16-4-2:2011	NOTE Approved as EN 55016-4-2:2011 (not modified)
CISPR 12:2007	NOTE Approved as EN 55012:2007 (not modified)

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<https://standards.iteh.ai/catalog/standards/sist/2e9999c8-2e8c-4889-9e9d-de8721726c3c/sist-en-iec-55012-2025>

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.cencenelec.eu.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 61851-1	2017	Electric vehicle conductive charging system - Part 1: General requirements	EN IEC 61851-1	2019
CISPR 16-1-1	2019	Specification for radio disturbance and immunity measuring apparatus and methods - Part 1-1: Radio disturbance and immunity measuring apparatus - Measuring apparatus	EN IEC 55016-1-1	2019
CISPR 16-1-2	2014	Specification for radio disturbance and immunity measuring apparatus and methods - Part 1-2: Radio disturbance and immunity measuring apparatus - Coupling devices for conducted disturbance measurements	EN 55016-1-2	2014
+ A1	2017		+ A1	2018
CISPR 16-1-3	2004	Specification for radio disturbance and immunity measuring apparatus and methods - Part 1-3: Radio disturbance and immunity measuring apparatus - Ancillary equipment - Disturbance power	EN 55016-1-3	2006
+ A1	2016		+ A1	2016
+ A2	2020		+ A2	2020
CISPR 16-1-4	2019	Specification for radio disturbance and immunity measuring apparatus and methods - Part 1-4: Radio disturbance and immunity measuring apparatus - Antennas and test sites for radiated disturbance measurements	EN IEC 55016-1-4	2019
+ A1	2020		+ A1	2020
+ A2	2023		+ A2	2023
CISPR 16-1-6	2014	Specification for radio disturbance and immunity measuring apparatus and methods - Part 1-6: Radio disturbance and immunity measuring apparatus - EMC antenna calibration	EN 55016-1-6	2015
+ A1	2017		+ A1	2017

EN IEC 55012:2025 (E)

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
+ A2	2022		+ A2	2022
CISPR 16-2-1	2014	Specification for radio disturbance and immunity measuring apparatus and methods - Part 2-1: Methods of measurement of disturbances and immunity - Conducted disturbance measurements	EN 55016-2-1	2014
+ A1	2017		+ A1	2017
ANSI C63.5	2017	American National Standard for Electromagnetic Compatibility - Radiated Emission Measurements in Electromagnetic Interference (EMI) Control - Calibration and Qualification of Antennas (9 kHz to 40 GHz)	-	-
+ Corrigendum 1	2018		-	-

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