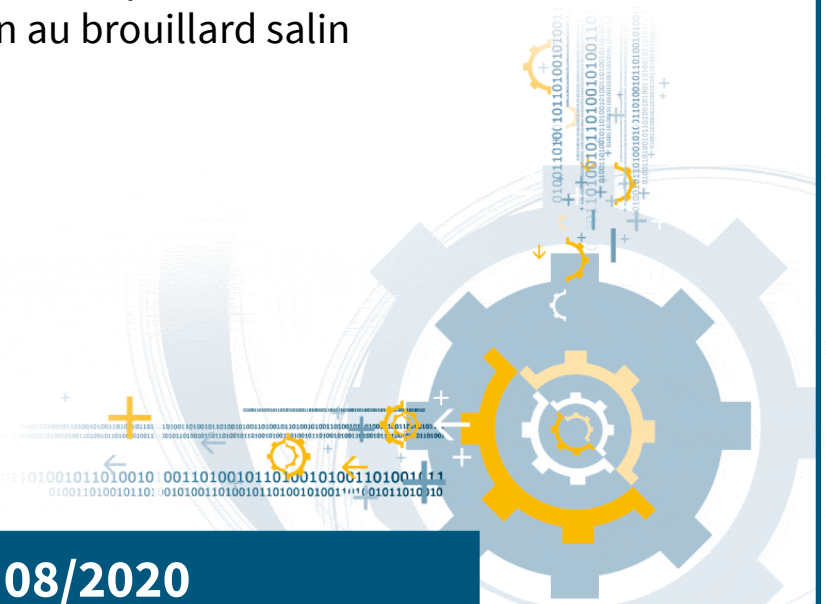


Modules photovoltaïques (PV) - Essai de corrosion au brouillard salin

08/2020



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ILNAS-EN IEC 61701:2020

EUROPEAN STANDARD **EN IEC 61701**

NORME EUROPÉENNE

EUROPÄISCHE NORM

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Supersedes EN 61701:2012 and all of its amendments
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English Version

**Photovoltaic (PV) modules - Salt mist corrosion testing
(IEC 61701:2020)**

Modules photovoltaïques (PV) - Essai de corrosion au
brouillard salin
(IEC 61701:2020)

Photovoltaik (PV-)Module - Salznebel-Korrosionsprüfung
(IEC 61701:2020)

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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

European foreword

The text of document 82/1693/FDIS, future edition 3 of IEC 61701, prepared by IEC/TC 82 "Solar photovoltaic energy systems" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 61701:2020.

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) 2021-04-16
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2023-07-16

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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.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60068-2-52	-	Environmental testing - Part 2-52: Tests - Test Kb: Salt mist, cyclic (sodium chloride solution)	EN IEC 60068-2-52	-
IEC 61215-1	-	Terrestrial photovoltaic (PV) modules - Design qualification and type approval - Part 1: Test requirements	-	-
IEC 61215-2	-	Terrestrial photovoltaic (PV) modules - Design qualification and type approval - Part 2: Test procedures	-	-
IEC 61730-2	-	Photovoltaic (PV) module safety qualification - Part 2: Requirements for testing	EN IEC 61730-2	-
IEC/TS 61836	-	Solar photovoltaic energy systems - Terms, definitions and symbols	-	-
IEC 62108	-	Concentrator photovoltaic (CPV) modules and assemblies - Design qualification and type approval	-	-
ISO 9223	-	Corrosion of metals and alloys - Corrosivity of atmospheres - Classification, determination and estimation	EN ISO 9223	-
ISO 9227	-	Corrosion tests in artificial atmospheres - Salt spray tests	EN ISO 9227	-



INTERNATIONAL STANDARD

NORME INTERNATIONALE

Photovoltaic (PV) modules – Salt mist corrosion testing

Modules photovoltaïques (PV) – Essai de corrosion au brouillard salin

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**PHOTOVOLTAIC (PV) MODULES –
SALT MIST CORROSION TESTING****FOREWORD**

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International Standard IEC 61701 has been prepared by IEC technical committee 82: Solar photovoltaic energy systems.

This third edition cancels and replaces the second edition issued in 2011. This edition constitutes a technical revision.

The main technical changes with respect to the previous edition are as follows:

- The scope has been updated to better reflect the applicability of the Standard.
- Test methods and requirements have been condensed and aligned with the new editions of IEC 61215-1, IEC 61215-2, and IEC 61730-2. References to crystalline silicon versus thin film technologies have been eliminated. The old Figure 2 on the thin film test sequence has been eliminated.
- The salt mist test references have been updated to harmonize with changes to IEC 60068-2-52.