SLOVENSKI STANDARD
SIST EN IEC 61215-1-2:2021/A1:2022

01-julij-2022

Prizemni fotonapetostni (PV) moduli - Ocena zasnove in odobritev tipa - 1-2. del: Posebne zahteve za preskušanje fotonapetostnih modulov iz tankoslojnega kadmij-telurja (CdTe) - Dopolnilo A1

Terrestrial photovoltaic (PV) modules - Design qualification and type approval - Part 1-2: Special requirements for testing of thin-film Cadmium Telluride (CdTe) based photovoltaic (PV) modules

Terrestrische kristalline Silizium-Photovoltaik(PV)-Module - Bauarteignung und Bauartzulassung - Teil 1-2: Besondere Anforderungen an die Prüfung von Photovoltaik (PV)-Dünnschichtmodulen aus Cadmiumtellurid-(CdTe)

Modules photovoltaïques (PV) pour applications terrestres - Qualification de la conception et homologation - Partie 1-2: Exigences particulières d'essai des modules photovoltaïques (PV) au tellurure de cadmium (CdTe) à couches minces

Ta slovenski standard je istoveten z: **EN IEC 61215-1-2:2021/A1:2022**

ICS:

27.160	Sončna energija	Solar energy engineering

SIST EN IEC 61215-1-2:2021/A1:2022 **en**

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN IEC 61215-1-2:2021/A1

May 2022

ICS 27.160

English Version

Terrestrial photovoltaic (PV) modules - Design qualification and type approval - Part 1-2: Special requirements for testing of thin-film Cadmium Telluride (CdTe) based photovoltaic (PV) modules (IEC 61215-1-2:2021/AMD1:2022)

Modules photovoltaïques (PV) pour applications terrestres - Qualification de la conception et homologation - Partie 1-2: Exigences particulières d'essai des modules photovoltaïques (PV) au tellurure de cadmium (CdTe) à couches minces
(IEC 61215-1-2:2021/AMD1:2022)

Terrestrische kristalline Silizium-Photovoltaik(PV)-Module - Bauarteignung und Bauartzulassung - Teil 1-2: Besondere Anforderungen an die Prüfung von Photovoltaik(PV)-Dünnschichtmodulen aus Cadmiumtellurid-(CdTe)
(IEC 61215-1-2:2021/AMD1:2022)

This amendment A1 modifies the European Standard EN IEC 61215-1-2:2021; it was approved by CENELEC on 2022-05-02. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this amendment the status of a national standard without any alteration.

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This amendment 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

European foreword

The text of document 82/1996/FDIS, future IEC 61215-1-2/AMD1, prepared by IEC/TC 82 "Solar photovoltaic energy systems" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 61215-1-2:2021/A1:2022.

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)	2023-02-02
• latest date by which the national standards conflicting with the document have to be withdrawn	(dow)	2025-05-02

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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

The text of the International Standard IEC 61215-1-2:2021/AMD1:2022 was approved by CENELEC as a European Standard without any modification.

IEC 61215-1-2

Edition 2.0 2022-03

INTERNATIONAL STANDARD

NORME INTERNATIONALE

AMENDMENT 1
AMENDEMENT 1

Terrestrial photovoltaic (PV) modules – Design qualification and type approval – Part 1-2: Special requirements for testing of thin-film Cadmium Telluride (CdTe) based photovoltaic (PV) modules

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TERRESTRIAL PHOTOVOLTAIC (PV) MODULES – DESIGN QUALIFICATION AND TYPE APPROVAL –

Part 1-2: Special requirements for testing of thin-film Cadmium Telluride (CdTe) based photovoltaic (PV) modules

AMENDMENT 1

FOREWORD

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Amendment 1 to IEC 61215-1-2:2021 has been prepared by IEC technical committee 82: Solar photovoltaic energy systems.

The text of this Amendment is based on the following documents:

Draft	Report on voting
82/1996/FDIS	82/2020/RVD

Full information on the voting for its approval can be found in the report on voting indicated in the above table.

The language used for the development of this Amendment is English.

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at www.iec.ch/members_experts/refdocs. The main document types developed by IEC are described in greater detail at www.iec.ch/standardsdev/publications/.

A list of all parts in the IEC 61215 series, published under the general title *Terrestrial photovoltaic (PV) modules – Design qualification and type approval*, can be found on the IEC website.

The committee has decided that the contents of this document will remain unchanged until the stability date indicated on the IEC website under webstore.iec.ch in the data related to the specific document. At this date, the document will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

3 Terms and definitions

Replace:

This clause of IEC 61215-1:2021 is applicable without modifications.

by:

This clause of IEC 61215-1:2021 is applicable with the following modifications.

Add the following new terms:

3.13
reduced mechanical load
module where the test load in MQT 16 is less than 2 400 Pa

Note 1 to entry: 2 400 Pa was required in earlier versions of the IEC 61215 series for all technologies (e.g. IEC 61215-2:2021).

3.14
restricted access area
area accessible only to electrically skilled persons and electrically instructed persons with the proper authorization

EXAMPLE Utility-scale PV installations which are protected against public access by fences, location, etc., and where only persons skilled, trained or instructed in electrical safety have access.

[SOURCE: IEC 60050-195:1998, 195-04-04, modified – The example has been added]