



# SLOVENSKI STANDARD

## SIST EN 61215-1-4:2017

01-julij-2017

Nadomešča:  
SIST EN 61646:2008

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**Prizemni fotonapetostni (PV) moduli - Ocena zasnove in odobritev tipa - 1-4. del:  
Posebne zahteve za preskušanje fotonapetostnih modulov s tankoslojno zasnovo  
iz Cu(In,Ga)(S,Se)<sub>2</sub>**

Terrestrial photovoltaic (PV) modules - Design qualification and type approval - Part 1-4:  
Special requirements for testing of thin-film Cu(In,Ga)(S,Se)<sub>2</sub> based photovoltaic (PV)  
modules

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Terrestrische kristalline Silizium-Photovoltaik-(PV)-Module - Bauarteignung und  
Bauartzulassung - Teil 1-4: Besondere Anforderungen für Prüfungen von Photovoltaik-  
(PV)-Modulen aus Kupfer-Indium-Gallium-Selenid (CIGS) und Kupfer-Indium-Selenid  
(CIS)

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Modules photovoltaïques (PV) pour applications terrestres - Qualification de la  
conception et homologation - Partie 1-4: Exigences particulières d'essai des modules  
photovoltaïques (PV) au Cu(In,Ga)(S,Se)<sub>2</sub> à couches minces

**Ta slovenski standard je istoveten z: EN 61215-1-4:2017**

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**ICS:**

27.160      Sončna energija      Solar energy engineering

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EUROPEAN STANDARD

**EN 61215-1-4**

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EUROPÄISCHE NORM

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**Terrestrial photovoltaic (PV) modules - Design qualification and type approval - Part 1-4: Special requirements for testing of thin-film Cu(In,GA)(S,Se)<sub>2</sub> based photovoltaic (PV) modules (IEC 61215-1-4:2016)**

Modules photovoltaïques (PV) pour applications terrestres - Qualification de la conception et homologation - Partie 1-4: Exigences particulières d'essai des modules photovoltaïques (PV) au Cu(In,GA)(S,Se)<sub>2</sub> à couches minces (IEC 61215-1-4:2016)

Terrestrische kristalline Silizium-Photovoltaik-(PV)-Module - Bauartegnung und Bauartzulassung - Teil 1-4: Besondere Anforderungen für Prüfungen von Photovoltaik-(PV)-Modulen aus Kupfer-Indium-Gallium-Selenid (CIGS) und Kupfer-Indium-Selenid (CIS) (IEC 61215-1-4:2016)

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European Committee for Electrotechnical Standardization  
Comité Européen de Normalisation Electrotechnique  
Europäisches Komitee für Elektrotechnische Normung

**CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels**

**EN 61215-1-4:2017****European foreword**

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- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2020-05-05

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**Annex ZA**  
(normative)

**Normative references to international publications  
with their corresponding European publications**

*Annexes ZA of EN 61215-1:2016 and EN 61215-2:2017 are applicable.*

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# INTERNATIONAL STANDARD

## NORME INTERNATIONALE

**Terrestrial photovoltaic (PV) modules – Design qualification and type approval – Part 1-4: Special requirements for testing of thin-film Cu(In,Ga)(S,Se)<sub>2</sub> based photovoltaic (PV) modules**

**Modules photovoltaïques (PV) pour applications terrestres – Qualification de la conception et homologation – Partie 1-4: Exigences particulières d'essai des modules photovoltaïques (PV) au Cu(In,Ga)(S,Se)<sub>2</sub> à couches minces**

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

**TERRESTRIAL PHOTOVOLTAIC (PV) MODULES –  
DESIGN QUALIFICATION AND TYPE APPROVAL –****Part 1-4: Special requirements for testing of thin-film  
Cu(In,Ga)(S,Se)<sub>2</sub> based photovoltaic (PV) modules**

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International Standard IEC 61215-1-4 has been prepared by IEC technical committee 82: Solar photovoltaic energy systems.

This edition cancels and replaces the second edition of IEC 61646, issued in 2008, and constitutes a technical revision.

It constitutes a technical revision for thin-film Cu(In,Ga)(S,Se)<sub>2</sub> based terrestrial photovoltaic modules.

This standard is to be read in conjunction with IEC 61215-1:2016 and IEC 61215-2:2016.