

# INTERNATIONAL STANDARD

## NORME INTERNATIONALE

**Terrestrial photovoltaic (PV) modules – Design qualification and type approval –  
Part 1-3: Special requirements for testing of thin-film amorphous silicon based  
photovoltaic (PV) modules**

**Modules photovoltaïques (PV) pour applications terrestres – Qualification de la  
conception et homologation –  
Partie 1-3: Exigences particulières d'essai des modules photovoltaïques (PV) au  
silicium amorphe à couches minces**



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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

**TERRESTRIAL PHOTOVOLTAIC (PV) MODULES –  
DESIGN QUALIFICATION AND TYPE APPROVAL –****Part 1-3: Special requirements for testing of thin-film  
amorphous silicon based photovoltaic (PV) modules**

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International Standard IEC 61215-1-3 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.

This edition constitutes a technical revision for thin-film a-Si/ $\mu$ c-Si based terrestrial photovoltaic modules.

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

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

FDIS	Report on voting
82/1183/FDIS	82/1207/RVD

Full information on the voting for the approval of this International Standard can be found in the report on voting indicated in the above table.

This document has been drafted in accordance with the ISO/IEC Directives, Part 2.

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 "<http://webstore.iec.ch>" in the data related to the specific document. At this date, the document will be

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