



Institut luxembourgeois de la normalisation
de l'accréditation, de la sécurité et qualité
des produits et services

ILNAS-EN 61730-2:2007/A1:2012

**Photovoltaic (PV) module safety
qualification -- Part 2: Requirements
for testing**

Photovoltaik(PV)-Module -
Sicherheitsqualifikation - Teil 2:
Anforderungen an die Prüfung

Qualification pour la sûreté de
fonctionnement des modules
photovoltaïques (PV) -- Partie 2:
Exigences pour les essais

02/2012



National Foreword

This European Standard EN 61730-2:2007/A1:2012 was adopted as Luxembourgish Standard ILNAS-EN 61730-2:2007/A1:2012.

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**Photovoltaic (PV) module safety qualification -
Part 2: Requirements for testing
(IEC 61730-2:2004/A1:2011)**

Qualification pour la sûreté de
fonctionnement des modules
photovoltaïques (PV) -
Partie 2: Exigences pour les essais
(CEI 61730-2:2004/A1:2011)

Photovoltaik (PV) -Module -
Sicherheitsqualifikation -
Teil 2: Anforderungen an die Prüfung
(IEC 61730-2:2004/A1:2011)

This amendment A1 modifies the European Standard EN 61730-2:2007; it was approved by CENELEC on 2011-12-19. 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.

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 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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CENELEC

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

Management Centre: Avenue Marnix 17, B - 1000 Brussels

Foreword

The text of document 82/660/FDIS, future edition 1 of IEC 61730-2:2004/A1, prepared by IEC/TC 82 "Solar photovoltaic energy systems" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 61730-2:2007/A1:2012.

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) 2012-09-19
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2014-12-19

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Endorsement notice

The text of the International Standard IEC 61730-2:2004/A1:2011 was approved by CENELEC as a European Standard without any modification.

Replace the Annex ZA of EN 61730-2:2007 by:

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE When an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
–	–	Glass in building - Thermally toughened soda lime silicate safety glass – Part 1: Definition and description	EN 12150-1	–
–	–	Datasheet and nameplate information for photovoltaic modules	EN 50380	–
IEC 60060-1	–	High-voltage test techniques – Part 1: General definitions and test requirements	HD 588.1 S1	–
IEC 60068-1	–	Environmental testing – Part 1: General and guidance	EN 60068-1	–
IEC 60243-1	–	Electrical strength of insulating materials - Test methods – Part 1: Tests at power frequencies	EN 60243-1	–
IEC 60410	–	Sampling plans and procedures for inspection by attributes	–	–
IEC 60664-1 + A1 + A2	–	Insulation coordination for equipment within low-voltage systems – Part 1: Principles, requirements and tests	EN 60664-1	–
IEC 60904-2	–	Photovoltaic devices – Part 2: Requirements for reference solar devices	EN 60904-2	–
IEC 61032	–	Protection of persons and equipment by enclosures - Probes for verification	EN 61032	–
IEC 61140	–	Protection against electric shock - Common aspects for installation and equipment	EN 61140	–
IEC 61215	–	Crystalline silicon terrestrial photovoltaic (PV) modules - Design qualification and type approval	EN 61215	–
IEC 61646	–	Thin-film terrestrial photovoltaic (PV) modules - Design qualification and type approval	EN 61646	–
IEC 61730-1 (mod)	–	Photovoltaic (PV) module safety qualification– Part 1: Requirements for construction	EN 61730-1	–
ISO/IEC 17025	–	General requirements for the competence of testing and calibration laboratories	EN ISO/IEC 17025	–
ANSI/UL 514C	–	Non-metallic outlet boxes, flush device boxes and covers	–	–