

**Grid connected photovoltaic systems –
Minimum requirements for system documentation,
commissioning tests and inspection**

(IEC 62446:2009)

Netzgekoppelte Photovoltaik-Systeme – Mindestanforderungen an
Systemdokumentation, Inbetriebnahmeprüfung und wiederkehrende Prüfungen
(IEC 62446:2009)

Systèmes photovoltaïques connectés au réseau électrique – Exigences minimales
pour la documentation du système, les essais de mise en service et l'examen
(CEI 62446:2009)

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This European Standard EN 62446:2009 has the status of an Austrian Electrotechnical Regulation in accordance with the Austrian Electrotechnical Act 1992 and the status of an Austrian Standard in accordance with the Austrian Federal Act on Standardization 1971.

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Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

Central Secretariat: Avenue Marnix 17, B - 1000 Brussels

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Foreword

The text of document 82/558A/FDIS, future edition 1 of IEC 62446, prepared by IEC TC 82, Solar photovoltaic energy systems, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 62446 on 2009-10-01.

The following dates were fixed:

- latest date by which the EN has to be implemented
at national level by publication of an identical
national standard or by endorsement (dop) 2010-07-01
- latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 2012-10-01

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 62446:2009 was approved by CENELEC as a European Standard without any modification.

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following referenced documents are indispensable for the application 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 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>
IEC 60364 (mod)	Series	Low-voltage electrical installations	HD 60364	Series
IEC 60364-6 (mod)	- ¹⁾	Low voltage electrical installations - Part 6: Verification	HD 60364-6	2007 ²⁾
IEC 60364-7-712	2002	Electrical installations of buildings - Part 7-712: Requirements for special installations or locations - Solar photovoltaic (PV) power supply systems	HD 60364-7-712 + corr. April	2005 2006
IEC/TR 60755	2008	General requirements for residual current operated protective devices	-	-
IEC 61557	Series	Electrical safety in low voltage distribution systems up to 1 000 V a.c. and 1 500 V d.c. - Equipment for testing, measuring or monitoring of protective measures	EN 61557	Series
IEC 61730-1 (mod)	- ¹⁾	Photovoltaic (PV) module safety qualification - Part 1: Requirements for construction	EN 61730-1	2007 ²⁾

¹⁾ Undated reference.

²⁾ Valid edition at date of issue.



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