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**BS EN 62446-1:2016**



**BSI Standards Publication**

# **Photovoltaic (PV) systems — Requirements for testing, documentation and maintenance**

Part 1: Grid connected systems —  
Documentation, commissioning tests  
and inspection

**bsi.**

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This British Standard is the UK implementation of EN 62446-1:2016. It is identical to IEC 62446-1:2016. It supersedes BS EN 62446:2009 which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee GEL/82, Photovoltaic Energy Systems.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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**Compliance with a British Standard cannot confer immunity from legal obligations.**

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#### **Amendments/corrigenda issued since publication**

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## EUROPÄISCHE NORM

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English Version

Photovoltaic (PV) systems - Requirements for testing,  
documentation and maintenance - Part 1: Grid connected  
systems - Documentation, commissioning tests and inspection  
(IEC 62446-1:2016)

Systèmes photovoltaïques (PV) - Exigences pour les  
essais, la documentation et la maintenance - Partie 1:  
Systèmes connectés au réseau électrique - Documentation,  
essais de mise en service et examen  
(IEC 62446-1:2016)

Photovoltaik (PV) Systeme - Anforderungen an Prüfung,  
Dokumentation und Instandhaltung - Teil 1: Netzgekoppelte  
Systeme - Dokumentation, Inbetriebnahmeprüfung und  
Prüfanforderungen  
(IEC 62446-1:2016)

This European Standard was approved by CENELEC on 2016-02-23. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard 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 European Standard 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: Avenue Marnix 17, B-1000 Brussels**

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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) 2016-11-23
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2019-02-23

This document supersedes EN 62446:2009.

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The text of the International Standard IEC 62446-1:2016 was approved by CENELEC as a European Standard without any modification.

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## 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 1 When an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: [www.cenelec.eu](http://www.cenelec.eu).

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60364-6	-	Low voltage electrical installations -- Part 6: Verification	HD 60364-6	-
IEC 61010	series	Safety requirements for electrical equipment for measurement, control and laboratory use	EN 61010	series
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	series	Photovoltaic (PV) module safety qualification	EN 61730	series
IEC/TS 62548	2013	Photovoltaic (PV) arrays - Design requirements	-	-

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