



**BSI Standards Publication**

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

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Part 2: Grid connected systems — Maintenance of PV systems

## National foreword

This British Standard is the UK implementation of EN IEC 62446-2:2020. It is identical to IEC 62446-2:2020.

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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### Amendments/corrigenda issued since publication

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EUROPEAN STANDARD  
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English Version

**Photovoltaic (PV) systems - Requirements for testing,  
documentation and maintenance - Part 2: Grid connected  
systems - Maintenance of PV systems  
(IEC 62446-2:2020)**

Systèmes photovoltaïques (PV) - Exigences pour les  
essais, la documentation et la maintenance - Partie 2:  
Systèmes connectés au réseau électrique - Maintenance  
des systèmes PV  
(IEC 62446-2:2020)

Photovoltaik(PV)-Systeme - Anforderungen an Prüfung,  
Dokumentation und Instandhaltung - Teil 2: Netzgekoppelte  
Systeme - Instandhaltung von PV-Systemen  
(IEC 62446-2:2020)

This European Standard was approved by CENELEC on 2020-04-22. 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.

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

**CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels**

## European foreword

The text of document 82/1656/FDIS, future edition 1 of IEC 62446-2, prepared by IEC/TC 82 "Solar photovoltaic energy systems" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 62446-2:2020.

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) 2021-01-22
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2023-04-22

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## Endorsement notice

The text of the International Standard IEC 62446-2:2020 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following notes have to be added for the standards indicated:

IEC 60300-3-3	NOTE	Harmonized as EN 60300-3-3
IEC 60891	NOTE	Harmonized as EN 60891
IEC 60904-1	NOTE	Harmonized as EN 60904-1

## Annex ZA (normative)

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

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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 1 Where 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).

*Clause 2 of IEC 62446-1:2016 is applicable, except as follows:*

*Add the following references:*

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC/TS 61724-2	-	Photovoltaic system performance - Part 2: Capacity evaluation method	-	-
IEC/TS 61724-3	-	Photovoltaic system performance - Part 3: Energy evaluation method	-	-
IEC/TS 61836	2016	Solar photovoltaic energy systems - Terms, definitions and symbols	-	-
IEC 62020	-	Electrical accessories - Residual current monitors for household and similar uses (RCMs)	-	-
IEC 62446-1	2016	Photovoltaic (PV) systems - Requirements for testing, documentation and maintenance - Part 1: Grid connected systems - Documentation, commissioning tests and inspection	EN 62446-1	2016
IEC/TS 62446-3	2017	Photovoltaic (PV) systems - Requirements for testing, documentation and maintenance - Part 3: Photovoltaic modules and plants - Outdoor infrared thermography	-	-
IEC 62548	-	Photovoltaic (PV) arrays - Design requirements	-	-



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