

Sistemas fotovoltaicos (FV). Requisitos para ensayos, documentación y mantenimiento. Parte 2: Sistemas conectados a la red. Mantenimiento de sistemas fotovoltaicos (FV) (Ratificada por la Asociación Española de Normalización en agosto de 2020.)

UNE-EN IEC 62446-2:2020

Sistemas fotovoltaicos (FV). Requisitos para ensayos, documentación y mantenimiento. Parte 2: Sistemas conectados a la red. Mantenimiento de sistemas fotovoltaicos (FV) (Ratificada por la Asociación Española de Normalización en agosto de 2020.)

Photovoltaic (PV) systems - Requirements for testing, documentation and maintenance - Part 2: Grid connected systems - Maintenance of PV systems (Endorsed by Asociación Española de Normalización in August of 2020.)

Systèmes photovoltaïques (PV) - Exigences pour les essais, la documentation et la maintenance - Partie 2: Systèmes connectés au réseau électrique - Maintenance des systèmes PV (Entérinée par l'Asociación Española de Normalización en août 2020.)

En cumplimiento del punto 11.2.5.4 de las Reglas Internas de CEN/CENELEC Parte 2, se ha otorgado el rango de documento normativo español UNE al documento normativo europeo EN IEC 62446-2:2020 (Fecha de disponibilidad 2020-05-15)

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Asociación Española de Normalización

Génova, 6
28004 MADRID-España
Tel.: 915 294 900
info@une.org
www.une.org

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EUROPEAN STANDARD

EN IEC 62446-2

NORME EUROPÉENNE

EUROPÄISCHE NORM

May 2020

ICS 27.160

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)

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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.

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	-	-



INTERNATIONAL STANDARD

NORME INTERNATIONALE

Photovoltaic (PV) systems – Requirements for testing, documentation and maintenance –

Part 2: Grid connected systems – Maintenance of PV systems

Systèmes photovoltaïques (PV) – Exigences pour les essais, la documentation et la maintenance –

Partie 2: Systèmes connectés au réseau électrique – Maintenance des systèmes PV

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