



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

ILNAS-EN IEC 60904-7:2019

Photovoltaic devices - Part 7: Computation of the spectral mismatch correction for measurements of photovoltaic devices

Photovoltaische Einrichtungen - Teil 7:
Berechnung der spektralen
Fehlanpassungskorrektur für Messungen
an photovoltaischen Einrichtungen

Dispositifs photovoltaïques - Partie 7:
Calcul de la correction de désadaptation
des réponses spectrales dans les mesures
de dispositifs photovoltaïques

10/2019



National Foreword

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ILNAS-EN IEC 60904-7:2019

EUROPEAN STANDARD **EN IEC 60904-7**

NORME EUROPÉENNE

EUROPÄISCHE NORM

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Supersedes EN 60904-7:2009 and all of its amendments
and corrigenda (if any)

English Version

**Photovoltaic devices - Part 7: Computation of the spectral
mismatch correction for measurements of photovoltaic devices
(IEC 60904-7:2019)**

Dispositifs photovoltaïques - Partie 7: Calcul de la
correction de désadaptation des réponses spectrales dans
les mesures de dispositifs photovoltaïques
(IEC 60904-7:2019)

Photovoltaische Einrichtungen - Teil 7: Berechnung der
spektralen Fehlanpassungskorrektur für Messungen an
photovoltaischen Einrichtungen
(IEC 60904-7:2019)

This European Standard was approved by CENELEC on 2019-09-24. 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 82/1590/FDIS, future edition 4 of IEC 60904-7, prepared by IEC/TC 82 "Solar photovoltaic energy systems" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 60904-7:2019.

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) 2020-06-24
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2022-09-24

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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.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60891	-	Photovoltaic devices - Procedures for temperature and irradiance corrections to measured I-V characteristics	EN 60891	-
IEC 60904-1	-	Photovoltaic devices - Part 1: Measurement of photovoltaic current-voltage characteristics	EN 60904-1	-
IEC 60904-1-1	-	Photovoltaic devices - Part 1-1: Measurement of current-voltage characteristics of multi-junction photovoltaic (PV) devices	EN 60904-1-1	-
IEC 60904-2	-	Photovoltaic devices - Part 2: Requirements for photovoltaic reference devices	EN 60904-2	-
IEC 60904-3	-	Photovoltaic devices - Part 3: Measurement principles for terrestrial photovoltaic (PV) solar devices with reference spectral irradiance data	EN IEC 60904-3	-
IEC 60904-8	-	Photovoltaic devices - Part 8: Measurement of spectral responsivity of a photovoltaic (PV) device	EN 60904-8	-
IEC 60904-8-1	-	Photovoltaic devices - Part 8-1: Measurement of spectral responsivity of multi-junction photovoltaic (PV) devices	EN 60904-8-1	-
IEC 60904-9	-	Photovoltaic devices - Part 9: Solar simulator performance requirements	EN 60904-9	-
IEC/TS 61836	-	Solar photovoltaic energy systems - Terms, definitions and symbols	-	-
ISO 9288	-	Welding consumables - Solid wire electrodes, solid wires and rods for fusion welding of magnesium and magnesium alloys - Classification	EN ISO 9288	1996



INTERNATIONAL STANDARD

NORME INTERNATIONALE

Photovoltaic devices –

Part 7: Computation of the spectral mismatch correction for measurements of photovoltaic devices

Dispositifs photovoltaïques –

Partie 7: Calcul de la correction de désadaptation des réponses spectrales dans les mesures de dispositifs photovoltaïques

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