
Preskušanje zmogljivosti in energijske učinkovitosti fotonapetostnega (PV) modula - 3. del: Energijska učinkovitost fotonapetostnega (PV) modula

Photovoltaic (PV) module performance testing and energy rating - Part 3: Energy rating of PV modules

Prüfung des Leistungsverhaltens von photovoltaischen (PV)-Modulen und Energiebemessung - Teil 3: Energiebemessung von PV-Modulen

Essais de performance et caractéristiques assignées d'énergie des modules photovoltaïques (PV) - Partie 3: Caractéristiques assignées d'énergie des modules PV

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Ta slovenski standard je istoveten z: EN IEC 61853-3:2018

ICS:

27.015	Energijska učinkovitost. Ohranjanje energije na splošno	Energy efficiency. Energy conservation in general
27.160	Sončna energija	Solar energy engineering

SIST EN IEC 61853-3:2018**en**

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EUROPEAN STANDARD

EN IEC 61853-3

NORME EUROPÉENNE

EUROPÄISCHE NORM

October 2018

ICS 27.160

English Version

Photovoltaic (PV) module performance testing and energy rating
- Part 3: Energy rating of PV modules
(IEC 61853-3:2018)

Essais de performance et caractéristiques assignées
d'énergie des modules photovoltaïques (PV) - Partie 3:
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(IEC 61853-3:2018)

Prüfung des Leistungsverhaltens von photovoltaischen
(PV)-Modulen und Energiebemessung - Teil 3:
Energiebemessung von PV-Modulen
(IEC 61853-3:2018)

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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

EN IEC 61853-3:2018 (E)**European foreword**

The text of document 82/1441/FDIS, future edition 1 of IEC 61853-3, prepared by IEC/TC 82 "Solar photovoltaic energy systems" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 61853-3:2018.

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) 2019-07-04
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2021-10-04

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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 60904-3	-	Photovoltaic devices - Part 3: Measurement principles for terrestrial photovoltaic (PV) solar devices with reference spectral irradiance data	EN 60904-3	-
IEC 60904-7	-	Photovoltaic devices - Part 7: Computation of the spectral mismatch correction for measurements of photovoltaic devices	EN 60904-7	-
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 61853-1	-	Photovoltaic (PV) module performance testing and energy rating - Part 1: Irradiance and temperature performance measurements and power rating	EN 61853-1	-
IEC 61853-2	-	Photovoltaic (PV) module performance testing and energy rating - Part 2: Spectral responsivity, incidence angle and module operating temperature measurements	EN 61853-2	-
IEC 61853-4	-	Photovoltaic (PV) module performance testing and energy rating - Part 4: Standard reference climatic profiles	-	-
IEC/TS 61836	-	Solar photovoltaic energy systems - Terms, definitions and symbols	-	-

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IEC 61853-3

Edition 1.0 2018-08

INTERNATIONAL STANDARD

NORME INTERNATIONALE

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INTERNATIONAL
ELECTROTECHNICAL
COMMISSION

COMMISSION
ELECTROTECHNIQUE
INTERNATIONALE

ICS 27.160

ISBN 978-2-8322-5989-4

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

PHOTOVOLTAIC (PV) MODULE PERFORMANCE
TESTING AND ENERGY RATING –

Part 3: Energy rating of PV modules

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International Standard IEC 61853-3 has been prepared by IEC technical committee 82: Solar photovoltaic energy systems.

The text of this International Standard is based on the following documents:

FDIS	Report on voting
82/1441/FDIS	82/1451/RVD

Full information on the voting for the approval of this International Standard can be found in the report on voting indicated in the above table.

This document has been drafted in accordance with the ISO/IEC Directives, Part 2.