Irish Standard
I.S. EN 50380:2017

Marking and documentation requirements for Photovoltaic Modules

I.S. EN 50380:2017

Incorporating amendments/corrigenda/National Annexes issued since publication:

The National Standards Authority of Ireland (NSAI) produces the following categories of formal documents:

I.S. xxx: Irish Standard — national specification based on the consensus of an expert panel and subject to public consultation.

S.R. xxx: Standard Recommendation — recommendation based on the consensus of an expert panel and subject to public consultation.

SWiFT xxx: A rapidly developed recommendatory document based on the consensus of the participants of an NSAI workshop.

This document replaces/revises/consolidates the NSAI adoption of the document(s) indicated on the CEN/CENELEC cover/Foreword and the following National document(s):

NOTE: The date of any NSAI previous adoption may not match the date of its original CEN/CENELEC document.

This document is based on:	*Published:*
EN 50380:2017	2017-09-01

This document was published under the authority of the NSAI and comes into effect on:	ICS number:
2017-09-19	27.160
	NOTE: If blank see CEN/CENELEC cover page

NSAI
1 Swift Square,
Northwood, Santry
Dublin 9

T +353 1 807 3800
F +353 1 807 3838
E standards@nsai.ie
W NSAI.ie

Sales:
T +353 1 857 6730
F +353 1 857 6729
W standards.ie

Údarás um Chaighdeáin Náisiúnta na hÉireann

National Foreword

I.S. EN 50380:2017 is the adopted Irish version of the European Document EN 50380:2017, Marking and documentation requirements for Photovoltaic Modules

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

For relationships with other publications refer to the NSAI web store.

Compliance with this document does not of itself confer immunity from legal obligations.

In line with international standards practice the decimal point is shown as a comma (,) throughout this document.

This page is intentionally left blank

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 50380

September 2017

ICS 27.160

Supersedes EN 50380:2003

English Version

Marking and documentation requirements for Photovoltaic Modules

Exigences de marquage et de documentation des modules photovoltaïques

Datenblatt- und Typenschildangaben von Photovoltaik-Modulen

This European Standard was approved by CENELEC on 2017-07-17. 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.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Bulgaria, Croatia, Cyprus, the Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

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

Contents

Page

European foreword

This document (EN 50380:2017) has been prepared by CLC/TC 82 “Solar photovoltaic energy systems”.

The following dates are fixed:

- latest date by which this document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2018-07-17
- latest date by which the national standards conflicting with this document have to be withdrawn (dow) 2020-07-17

This document supersedes EN 50380:2003.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC [and/or CEN] shall not be held responsible for identifying any or all such patent rights.

1 Scope

This European Standard describes marking, including nameplate and documentation requirements for non-concentrating photovoltaic modules.

This European Standard provides mandatory information that needs to be included in the product documentation or affixed to the product to ensure safe and proper use. Best practices are included in this document giving guidance on additional information, for example module's performance at different irradiance levels.

Markings, including nameplates, are permanently affixed information on the PV modules, which indelibly states the rating and other information as required by the relevant standard for safe use and maintenance. While, documentation information is a technical description separate from the photovoltaic module.

This European Standard is based on IEC and EN standards defining marking, nameplate and documentation requirements for PV modules.

2 Normative references

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.

EN 13501-1, *Fire classification of construction products and building elements - Part 1: Classification using data from reaction to fire tests*

EN 45011, *General requirements for bodies operating product certification systems (ISO/IEC Guide 65)*

EN 50618, *Electric cables for photovoltaic systems*

EN 60529, *Degrees of protection provided by enclosures (IP Code) (IEC 60529)*

EN 60904-10, *Photovoltaic devices - Part 10: Methods of linearity measurement (IEC 60904-10)*

prEN 61730-1:2015, *Photovoltaic (PV) module safety qualification - Part 1: Requirements for construction (IEC/CDV 61730-1:2015)*

EN 61730-2, *Photovoltaic (PV) module safety qualification - Part 2: Requirements for testing (IEC 61730-2)*

CLC/TS 61836, *Solar photovoltaic energy systems - Terms, definitions and symbols (IEC/TS 61836)*

EN 62790, *Junction boxes for photovoltaic modules - Safety requirements and tests (IEC 62790)*

EN 62852, *Connectors for DC-application in photovoltaic systems - Safety requirements and tests (IEC 62852)*

IEC 60050, *International Electrotechnical Vocabulary*

IEC 61215 (all parts), *Terrestrial Photovoltaic (PV) Modules – Design Qualification and Type Approval*