

Marking and documentation requirements for
Photovoltaic Modules

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN 50380:2017 sisaldab Euroopa standardi EN 50380:2017 ingliskeelset teksti.	This Estonian standard EVS-EN 50380:2017 consists of the English text of the European standard EN 50380:2017.
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English Version

Marking and documentation requirements for Photovoltaic Modules

Exigences de marquage et de documentation des modules photovoltaïques

Datenblatt- und Typenschildangaben von Photovoltaik-Modulen

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European foreword

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

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- 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- latest date by which the national standards conflicting with this document have to be withdrawn (dow) 2020-07-17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.

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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*