



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 62124:2005

ICS 27.160

**PHOTOVOLATIC (PV) STAND-ALONE
SYSTEMS - DESIGN VERIFICATION (IEC
62124:2004)**

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EUROPEAN STANDARD

EN 62124

NORME EUROPÉENNE

EUROPÄISCHE NORM

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English version

**Photovoltaic (PV) stand-alone systems –
Design verification
(IEC 62124:2004)**

Systèmes photovoltaïques (PV)
autonomes –
Vérification de la conception
(CEI 62124:2004)

Photovoltaische (PV)-Inselsysteme -
Bauarteignung und Typprüfung
(IEC 62124:2004)

This European Standard was approved by CENELEC on 2005-02-01. 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 Central Secretariat 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 Central Secretariat has the same status as the official versions.

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CENELEC

European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

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Foreword

The text of document 82/355/FDIS, future edition 1 of IEC 62124, prepared by IEC TC 82, Solar photovoltaic energy systems, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 62124 on 2005-02-01.

The following dates were fixed:

- latest date by which the EN has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2005-11-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2008-02-01

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 62124:2004 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 60721-2-1	NOTE	Harmonized as HD 478.2.1 S1:1989 (not modified).
IEC 61277	NOTE	Harmonized as EN 61277:1998 (not modified).
IEC 61724	NOTE	Harmonized as EN 61724:1998 (not modified).
IEC 61725	NOTE	Harmonized as EN 61725:1997 (not modified).
ISO/IEC 17025	NOTE	Harmonized as EN ISO/IEC 17025:2000 (not modified).

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following referenced documents are indispensable for the application 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 Where an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60364-7-712	- ¹⁾	Electrical installations of buildings Part 7-712: Requirements for special installations or locations - Solar photovoltaic (PV) power supply systems	HD 60364-7-712	- ²⁾
IEC 60904-1	- ¹⁾	Photovoltaic devices Part 1: Measurement of photovoltaic current-voltage characteristics	EN 60904-1	1993 ³⁾
IEC 60904-2	- ¹⁾	Part 2: Requirements for reference solar cells	EN 60904-2	1993 ³⁾
IEC 60904-5	1993	Part 5: Determination of the equivalent cell temperature (ECT) of photovoltaic (PV) devices by the open-circuit voltage method	EN 60904-5	1995
IEC 61215	- ¹⁾	Crystalline silicon terrestrial photovoltaic (PV) modules - Design qualification and type approval	EN 61215	1995 ³⁾
IEC 61646	- ¹⁾	Thin-film terrestrial photovoltaic (PV) modules - Design qualification and type approval	EN 61646	1997 ³⁾
IEC 61730-1	- ¹⁾	Photovoltaic (PV) module safety qualification Part 1: Requirements for construction		
IEC 61730-2	- ¹⁾	Part 2: Requirements for testing	-	-
IEC 62093	- ²⁾	Balance-of-system components for photovoltaic systems - Design qualification natural environments	-	-

1) Undated reference.

2) To be published.

3) Valid edition at date of issue.

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