



NSAI
Standards

Irish Standard
I.S. EN 62477-1:2012&A11:2014&A1:2017

Safety requirements for power electronic converter systems and equipment - Part 1: General

I.S. EN 62477-1:2012&A11:2014&A1:2017

Incorporating amendments/corrigenda/National Annexes issued since publication:

EN 62477-1:2012/A11:2014

EN 62477-1:2012/A1:2017

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:

EN 62477-1:2012

Published:

2012-10-05

*This document was published
under the authority of the NSAI
and comes into effect on:*

2017-03-01

ICS number:

NOTE: If blank see CEN/CENELEC cover page

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Údarás um Chaighdeáin Náisiúnta na hÉireann

National Foreword

I.S. EN 62477-1:2012&A11:2014&A1:2017 is the adopted Irish version of the European Document EN 62477-1:2012, Safety requirements for power electronic converter systems and equipment - Part 1: General

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

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.

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 62477-1:2012/A1

February 2017

ICS 29.200

English Version

**Safety requirements for power electronic converter systems and
equipment - Part 1: General
(IEC 62477-1:2012/A1:2016)**

Exigences de sécurité applicables aux systèmes et
matériels électroniques de conversion de puissance - Partie
1: Généralités
(IEC 62477-1:2012/A1:2016)

Sicherheitsanforderungen an Leistungshalbleiter-
Umrichtersysteme und -betriebsmittel - Teil 1: Allgemeines
(IEC 62477-1:2012/A1:2016)

This amendment A1 modifies the European Standard EN 62477-1:2012; it was approved by CENELEC on 2016-09-01. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this amendment 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 amendment 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

EN 62477-1:2012/A1:2017

European foreword

The text of document 22/270A/FDIS, future IEC 62477-1:2012/A1, prepared by IEC/TC 22 “Power electronic systems and equipment” was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 62477-1:2012/A1:2017.

The following dates are fixed:

- latest date by which the document has to be (dop) 2017-08-10
implemented at national level by
publication of an identical national
standard or by endorsement
- latest date by which the national (dow) 2020-02-10
standards conflicting with the
document have to be withdrawn

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.

Endorsement notice

The text of the International Standard IEC 62477-1:2012/A1:2016 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:

Addition:

IEC 60865 (series)	NOTE	Harmonized as EN 60865 (series).
IEC 60865-1	NOTE	Harmonized as EN 60865-1.
IEC 60909 (series)	NOTE	Harmonized as EN 60909 (series).
IEC 60909-0:2016	NOTE	Harmonized as EN 60909-0:2016.
IEC 60947-1:2007	NOTE	Harmonized as EN 60947-1:2007.
IEC 60947-6-1:2005	NOTE	Harmonized as EN 60947-6-1:2005.
IEC 60947-6-1:2005/AMD1:2013	NOTE	Harmonized as EN 60947-6-1:2005/A1:2014.
IEC 61439-1:2011	NOTE	Harmonized as EN 61439-1:2011.

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