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Standards

Irish Standard  
I.S. EN 62952-2:2016

# Power sources for a wireless communication device - Part 2: Profile for power modules with batteries

**I.S. EN 62952-2:2016**

*Incorporating amendments/corrigenda/National Annexes issued since publication:*

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*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):*

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## National Foreword

I.S. EN 62952-2:2016 is the adopted Irish version of the European Document EN 62952-2:2016, Power sources for a wireless communication device - Part 2: Profile for power modules with batteries

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EUROPEAN STANDARD

**EN 62952-2**

NORME EUROPÉENNE

EUROPÄISCHE NORM

December 2016

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ICS 33.040.40; 29.220.10

English Version

**Power sources for a wireless communication device - Part 2:  
Profile for power modules with batteries  
(IEC 62952-2:2016)**

Sources d'énergie pour un appareil de communication sans  
fil - Partie 2: Profil des modules d'alimentation à batteries  
(IEC 62952-2:2016)

Energiequellen für ein Funkkommunikationsgerät - Teil 2:  
Profil für Energiemodule mit Batterien  
(IEC 62952-2:2016)

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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 62952-2:2016**

**European foreword**

The text of document 65B/1054/FDIS, future edition 1 of IEC 62952-2, prepared by SC 65B "Measurement and control devices" of IEC/TC 65 "Industrial process measurement, control and automation" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 62952-2:2016.

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) 2017-08-09
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In the official version, for Bibliography, the following notes have to be added for the standards indicated:

IEC 60086-1:2015	NOTE	Harmonized as EN 60086-1:2015.
IEC 60086-1:2015	NOTE	Harmonized as EN 60086-1:2016.

## Annex ZA (normative)

### Normative references to international publications with their corresponding European publications

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.

NOTE 1 When 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](http://www.cenelec.eu).

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 62952-1	2016	Power sources for a wireless communication device - Part 1: General requirements of power modules	-	-

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**IEC 62952-2**

Edition 1.0 2016-10

# **INTERNATIONAL STANDARD**

# **NORME INTERNATIONALE**

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**Power sources for a wireless communication device –  
Part 2: Profile for power modules with batteries**

**Sources d'énergie pour un appareil de communication sans fil –  
Partie 2: Profil des modules d'alimentation à batteries**





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**IEC 62952-2**

Edition 1.0 2016-10

# **INTERNATIONAL STANDARD**

# **NORME INTERNATIONALE**

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**Power sources for a wireless communication device –  
Part 2: Profile for power modules with batteries**

**Sources d'énergie pour un appareil de communication sans fil –  
Partie 2: Profil des modules d'alimentation à batteries**

INTERNATIONAL  
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### **POWER SOURCES FOR A WIRELESS COMMUNICATION DEVICE –**

#### **Part 2: Profile for power modules with batteries**

#### FOREWORD

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International Standard IEC 62952-2 has been prepared by subcommittee 65B: Measurement and control devices, of IEC technical committee 65: Industrial-process measurement, control and automation.

This standard is to be used in conjunction with IEC 62952-1:2016.

The text of this standard is based on the following documents:

FDIS	Report on voting
65B/1054/FDIS	65B/1057/RVD

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

A list of all parts of the IEC 62952, under the general title *Power source for a wireless communication device*, can be found on the IEC website.

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

The committee has decided that the contents of this publication will remain unchanged until the stability date indicated on the IEC web site under "<http://webstore.iec.ch>" in the data related to the specific publication. At this date, the publication will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

## INTRODUCTION

This Part 2 of IEC 62952 deals with a power module based on batteries. It provides one profile of IEC 62952-1 and a specific selection of batteries specified in other International Standards. It does not specify a battery.

## POWER SOURCES FOR A WIRELESS COMMUNICATION DEVICE –

### Part 2: Profile for power modules with batteries

#### 1 Scope

IEC 62952-2:2016 specifies a profile for a power module containing batteries used as power source for wireless communication devices.

#### 2 Normative references

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.

IEC 62952-1:2016, *Power sources for a wireless communication device – Part 1: General requirements of power sources*

#### 3 Terms, definitions, abbreviated terms, acronyms and conventions

##### 3.1 Terms and definitions

For the purposes of this document, the terms and definitions given in IEC 62952-1 apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- IEC Electropedia: available at <http://www.electropedia.org/>
- ISO Online browsing platform: available at <http://www.iso.org/obp>

##### 3.2 Abbreviated terms and acronyms

For the purposes of this document, the abbreviated terms and acronyms given in IEC 62952-1 apply.

##### 3.3 Convention for profiles

The profile is a selection of (sub)clause of one or more documents defined in tables, as shown in Table 1 and Table 2. The selected base specifications are indicated just before the selection table(s). Selection is done at the highest (sub)clause level possible to define the profile selection unambiguously.

**Table 1 – Layout of profile (sub)clause selection tables**

Clause	Header	Presence	Constraints



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