

INTERNATIONAL STANDARD

NORME INTERNATIONALE

**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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INTERNATIONAL ELECTROTECHNICAL COMMISSION

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- withdrawn,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.

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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 Conventions 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