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Power sources for a wireless communication device - Part 3: Generic energy harvesting adaptor module

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 01/18

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EUROPEAN STANDARD

EN 62952-3

NORME EUROPÉENNE

EUROPÄISCHE NORM

September 2017

ICS 29.220.10; 33.040.40

English Version

**Power sources for a wireless communication device - Part 3:
Generic energy harvesting adaptor module
(IEC 62952-3:2017)**

Sources d'énergie pour un appareil de communication sans
fil - Partie 3: Module générique d'adaptateur de
récupération d'énergie
(IEC 62952-3:2017)

Energiequellen für ein Funkkommunikationsgerät - Teil 3:
Generisches Energy-Harvesting Adaptermodul
(IEC 62952-3:2017)

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European foreword

The text of document 65B/1080/FDIS, future edition 1 of IEC 62952-3, 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 62952-3:2017.

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Annex ZA (normative)

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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.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60304	-	Standard colours for insulation for low-HD 402 S2 frequency cables and wires		-
IEC 61076-2-101	-	Connectors for electronic equipment -- Part 2-101: Product requirements -- Part 2-101: Circular connectors - Detail specification for M12 connectors with screw-locking	-EN 61076-2-101	-
IEC 62952-1	2016	Power sources for a wireless communication device - Part 1: General requirements of power modules	EN 62952-1	2016



IEC 62952-3

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INTERNATIONAL STANDARD

NORME INTERNATIONALE



**Power sources for a wireless communication device –
Part 3: Generic energy harvesting adapter module**

**Sources d'énergie pour un appareil de communication sans fil –
Part 3: Module générique d'adaptateur de récupération d'énergie**





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INTERNATIONAL STANDARD

NORME INTERNATIONALE



**Power sources for a wireless communication device –
Part 3: Generic energy harvesting adapter module**

**Sources d'énergie pour un appareil de communication sans fil –
Part 3: Module générique d'adaptateur de récupération d'énergie**

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

POWER SOURCES FOR A WIRELESS COMMUNICATION DEVICE –**Part 3: Generic energy harvesting adapter module**

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This standard is to be used in conjunction with IEC 62952-1. Is it based on the first edition of that standard (2016).

The text of this International Standard is based on the following documents:

FDIS	Report on voting
65B/1080/FDIS	65B/1084/RVD

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

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

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

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INTRODUCTION

This document deals with a power module based on energy harvesting. It provides one profile of IEC 62952-1 and specifics for a generic energy harvesting adapter module (GEHAM) with a backup battery (Type C). It does not specify a battery specification.

POWER SOURCES FOR A WIRELESS COMMUNICATION DEVICE –

Part 3: Generic energy harvesting adapter module

1 Scope

This part of IEC 62952 specifies requirements and a profile for a power source containing a generic energy harvesting adapter module (GEHAM) used as power source for wireless communication devices (WCD).

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