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NSAI Standards

Irish Standard
I.S. EN IEC 63006:2019

Wireless power transfer (WPT) - Glossary of terms

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NORME EUROPÉENNE

EUROPÄISCHE NORM

EN IEC 63006

December 2019

ICS 29.240.99

English Version

Wireless power transfer (WPT) - Glossary of terms (IEC 63006:2019)

Transfert d'énergie sans fil (WPT) - Glossaire des termes (IEC 63006:2019)

Drahtlose Energieübertragung (WPT) - Glossar (IEC 63006:2019)

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European foreword

The text of document 100/3259/FDIS, future edition 1 of IEC 63006, prepared by IEC/TC 100 "Audio, video and multimedia systems and equipment" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 63006:2019.

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) 2020-08-18
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IEC 63028:2017 NOTE Harmonized as EN 63028:2017 (not modified)

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IEC 63006

Edition 1.0 2019-10

INTERNATIONAL STANDARD

NORME INTERNATIONALE

Wireless power transfer (WPT) – Glossary of terms

Transfert d'énergie sans fil (WPT) – Glossaire des termes

IEC 63006:2019-10(en-fr)

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IEC 63006

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Transfert d'énergie sans fil (WPT) – Glossaire des termes

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

WIRELESS POWER TRANSFER (WPT) – GLOSSARY OF TERMS

FOREWORD

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

FDIS	Report on voting
100/3259/FDIS	100/3312/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.

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INTRODUCTION

IEC TC 100 published a technical report, IEC TR 62869, *Activities and considerations related to wireless power transfer (WPT) for audio, video and multimedia systems and equipment*, at which point it was determined that the international community is lacking globally harmonized usage of terminology related to wireless power transfer technology.

This document provides common terminology to be used in wireless power transfer technology technical reports and standards.

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WIRELESS POWER TRANSFER (WPT) – GLOSSARY OF TERMS

1 Scope

This document specifies terminology and definitions related to wireless power transfer (WPT) technologies below 30 MHz to promote global harmonization of wireless power transfer terminology.

This document does not address terminology of wireless power transfer outside the scope of IEC TC 100 (Audio, video and multimedia systems and equipment), such as human exposure or safety.

2 Normative references

There are no normative references in this document.

3 Terms and definitions

For the purposes of this document, the following terms and definitions 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

3.1
accessory receiver
back cover
receiver that physically mates to the exterior of a device for the purpose of powering or charging that device, but is physically separable

Note 1 to entry: The device does not otherwise have the ability to be powered or charged wirelessly without the use of the accessory receiver.

[SOURCE: ANSI/CTA-2042.1-B]

3.2
alignment aid
method of positioning a receiver relative to a transmitter that provides the user with feedback to properly align the active area of the receiver to the active area of the transmitter

[SOURCE: ANSI/CTA-2042.1-B]

3.3
authentication
tamper-resistant process of a receiver verifying the identity of a transmitter, and/or a transmitter verifying the identity of a receiver

[SOURCE: ANSI/CTA-2042.1-B]

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