

# INTERNATIONAL STANDARD

# NORME INTERNATIONALE

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**Wireless power transfer (WPT) – Glossary of terms**

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





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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

**WIRELESS POWER TRANSFER (WPT) –  
GLOSSARY OF TERMS**

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International Standard IEC 63006 has been prepared by technical area 15: Wireless Power Transfer (WPT), of IEC technical committee 100: Audio, video and multimedia systems and equipment.

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.

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

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

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- withdrawn,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

## 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.

## 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]