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# INTERNATIONAL STANDARD

# NORME INTERNATIONALE

## Qi Specification version 2.0 – Part 3: Mechanical, Thermal, and User Interface

## Spécification Qi version 2.0 – Partie 3 : Mécanique, thermique et interface usager

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

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# QI SPECIFICATION VERSION 2.0 –

# Part 3: Mechanical, Thermal, and User Interface

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It is based on *Qi Specification version 2.0, Mechanical, Thermal, and User Interface* and was submitted as a Fast-Track document.

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

| Draft | Report on voting |
|---|---|
| 100/4256/FDIS | 100/4278/RVD |

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

The language used for the development of this International Standard is English.

The structure and editorial rules used in this publication reflect the practice of the organization which submitted it.

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- reconfirmed,
- withdrawn, or
- revised.

This corrected version of IEC 63563-3:2025 incorporates the following correction:

- correction of the publication date on the cover page.

WIRELESS POWER CONSORTIUM

# Qi Specification

# *Mechanical, Thermal, and User Interface*

**Version 2.0**

**April 2023**

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## RELEASE HISTORY

| Specification Version | Release Date | Description |
|---|---|---|
| 2.0 | April 2023 | Initial release of the v2.0 Qi Specification. |

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# 1 General

The Wireless Power Consortium (WPC) is a worldwide organization that aims to develop and promote global standards for wireless power transfer in various application areas. A first application area comprises flat-surface devices such as mobile phones and chargers in the Baseline Power Profile (up to 5 W) and Extended Power Profile (above 5 W).

## 1.1 Structure of the Qi Specification

**General documents**

- Introduction
- Glossary, Acronyms, and Symbols

**System description documents**

- Mechanical, Thermal, and User Interface
- Power Delivery
- Communications Physical Layer
- Communications Protocol
- Foreign Object Detection
- NFC Tag Protection
- Authentication Protocol