SLOVENSKI STANDARD
SIST EN IEC 63563-11:2026

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Različica specifikacije Qi 2.0 - 11. del: Komunikacijski protokol Mpp (IEC 63563-11:2025)

Qi specification version 2.0 - Part 11: Mpp communications protocol (IEC 63563-11:2025)

Qi Spezifikation Version 2.0 - Teil 11: Mpp Kommunikations-Protokoll (IEC 63563-11:2025)

Spécification Qi version 2.0 - Partie 11: Protocole de communications PPM (Profil de puissance magnétique) (IEC 63563-11:2025)

Ta slovenski standard je istoveten z: **EN IEC 63563-11:2025**

ICS:

29.240.99	Druga oprema v zvezi z omrežji za prenos in distribucijo električne energije	Other equipment related to power transmission and distribution networks
33.160.99	Druga avdio, video in avdiovizuelna oprema	Other audio, video and audiovisual equipment
35.200	Vmesniška in povezovalna oprema	Interface and interconnection equipment

SIST EN IEC 63563-11:2026 **en,fr,de**

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN IEC 63563-11

March 2025

ICS 29.240.99; 35.240.99

English Version

Qi Specification version 2.0 - Part 11: MPP Communications Protocol (IEC 63563-11:2025)

Spécification Qi version 2.0 - Partie 11: Protocole de communications PPM (Profil de puissance magnétique) (IEC 63563-11:2025)

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Europäisches Komitee für Elektrotechnische Normung

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European foreword

The text of document 100/4255/FDIS, future edition 1 of IEC 63563-11, prepared by TC 100/Technical Area 15 "Wireless Power Transfer" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 63563-11:2025.

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)	2026-03-31
• latest date by which the national standards conflicting with the document have to be withdrawn	(dow)	2028-03-31

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IEC 63563-11

Edition 1.0 2025-02

INTERNATIONAL STANDARD

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

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QI SPECIFICATION VERSION 2.0 –

Part 11: MPP System Specification

FOREWORD

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IEC 63563-11 has been prepared by technical area 15: Wireless Power Transfer, of IEC technical committee 100: Audio, video and multimedia systems and equipment. It is an International Standard.

It is based on *Qi Specification version 2.0, MPP Communications Protocol* and was submitted as a Fast-Track document.

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

Draft	Report on voting
100/4255/FDIS	100/4276/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.

This document was developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement available at www.iec.ch/members_experts/refdocs. The main document types developed by IEC are described in greater detail at www.iec.ch/publications.

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- reconfirmed,
- withdrawn, or
- revised.

WIRELESS POWER CONSORTIUM

Qi Specification

MPP Communications Protocol

Version 2.0

April 2023

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RELEASE HISTORY

Specification Version	Release Date	Description
2.0	April 2023	First release of this v2.0 specification.

Contents

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Introduction 1

1.1 Overview

Magnetic power profile (MPP) is a protocol extension that provides additional messages, new power states/modes, new power transfer contract elements, and aims to provide the following functionalities:

- Operating Frequency Negotiation
- Cloaking (Power Pause)
- Generic Information Exchange
- Simultaneous Data Stream Transactions
- Fast PTx to PRx communication
- Maximum Power and Power Control Profiles Determination
- Extended Power Negotiation
- Extended PTx/PRx Identification and Capabilities
- Extended Control Error Packets and Received Power Packets
- Power Transmitter Battery Level Reporting
- Ecosystem Scalability

A summary of differences between Magnetic Power Profile and EPP is listed below in Table 1.1.

MPP extension allows devices to operate under Restricted mode (no PTx communication) at 360kHz without performing any explicit negotiation with the Power Transmitter. This flexibility enables devices with limited resources (e.g., devices with no FSK support) to take advantage of the frequency change feature.