STN	Bezdrôtový prenos energie Manažérstvo Časť 2: Manažérstvo riadenia viacerých zariadení	STN EN 62827-2
		37 9000

Wireless power transfer - Management - Part 2: Multiple device control management

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. 02/18

Obsahuje: EN 62827-2:2017, IEC 62827-2:2017

### 126164

Úrad pre normalizáciu, metrológiu a skúšobníctvo Slovenskej republiky, 2018

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# EUROPEAN STANDARD NORME EUROPÉENNE

EN 62827-2

# EUROPÄISCHE NORM

September 2017

ICS 29.240.99; 33.160.99; 35.100.01

**English Version** 

# Wireless power transfer - Management - Part 2: Multiple device control management (IEC 62827-2:2017)

Transfert de puissance sans fil - Gestion - Partie 2: Gestion du contrôle de dispositifs multiples (IEC 62827-2:2017) Drahtlose Energieübertragung - Management - Teil 2: Mehrfachgeräte Steuerungsmanagemen (IEC 62827-2:2017)

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Ref. No. EN 62827-2:2017 E

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The text of document 100/2900/FDIS, future edition 1 of IEC 62827-2, prepared by Technical Area 15 "Wireless power transfer" of IEC/TC 100 "Audio, video and multimedia systems and equipment" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 62827-2:2017.

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)	2018-04-24
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Publication	Year	<u>Title</u>	<u>EN/HD</u>	Year
IEC 62827-1	-	Wireless power transfer - Management -	EN 62827-1	-
		Part 1: Common components		



# IEC 62827-2

Edition 1.0 2017-06

# INTERNATIONAL STANDARD



Wireless power transfer – Management – Part 2: Multiple device control management





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# IEC 62827-2

Edition 1.0 2017-06

# INTERNATIONAL STANDARD



Wireless power transfer – Management – Part 2: Multiple device control management

INTERNATIONAL ELECTROTECHNICAL COMMISSION

ICS 29.240.99; 33.160.99; 35.100.01

ISBN 978-2-8322-4445-6

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Úrad pre normalizáciu, metrológiu a skúšobníctvo Slovenskej republiky

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# WIRELESS POWER TRANSFER - MANAGEMENT -

## Part 2: Multiple device control management

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

FDIS	Report on voting
100/2900/FDIS	100/2939/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

The IEC 62827 (Wireless Power Transfer – Management) series provides the management protocol for a wireless power transfer system in which power sources can deliver power to receivers at a distance. The IEC 62827 series consists of the following parts:

- Part 1: Common components
- Part 2: Multiple device control management
- Part 3: Multiple source control management

Part 1 of IEC 62827 defines the definition and functionality for wireless power transfer systems.

Part 2 of IEC 62827 specifies the management protocol of wireless power transfer for multiple devices.

Part 3 of IEC 62827 specifies the management protocol of wireless power transfer for multiple sources.

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# WIRELESS POWER TRANSFER – MANAGEMENT –

# Part 2: Multiple device control management

### 1 Scope

This part of IEC 62827 defines a wireless power management protocol for wireless power transfer to multiple devices in a wireless power management system. Various functions of wireless power management systems are justified. The wireless power management frames and messages that work between the management block of a power source and the management block or the coupler block of a device, or the coupler block of a power source, are defined as well to execute various functions. Also, the procedures for each functionality are described based on its frames and messages.

### 2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

IEC 62827-1, Wireless power transfer – Management – Part 1: Common components

# koniec náhľadu – text ďalej pokračuje v platenej verzii STN