



# SLOVENSKI STANDARD SIST EN IEC 62684:2019

01-januar-2019

Nadomešča:  
SIST EN 62684:2011

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## Specifikacije medobratovnosti skupnega zunanjega napajanja (EPS) z mobilnimi telefoni, ki omogočajo izmenjavo podatkov

Interoperability specifications of common external power supply (EPS) for use with data-enabled mobile telephones

Spezifikationen für die Interoperabilität eines einheitlichen externen Stromversorgungsgeräts (EPS) für die Anwendung bei datenübertragungsfähigen Mobiltelefonen

Spécifications d'interopérabilité de l'alimentation externe commune (EPS) avec des téléphones mobiles permettant l'échange de données

Ta slovenski standard je istoveten z: EN IEC 62684:2018

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### ICS:

33.070.50	Globalni sistem za mobilno telekomunikacijo (GSM)	Global System for Mobile Communication (GSM)
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SIST EN IEC 62684:2019

en,fr,de

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EUROPEAN STANDARD

EN IEC 62684

NORME EUROPÉENNE

EUROPÄISCHE NORM

April 2018

ICS 33.070.50

Supersedes EN 62684:2010

English Version

## Interoperability specifications of common external power supply (EPS) for use with data-enabled mobile telephones (IEC 62684:2018)

Spécifications d'interopérabilité de l'alimentation externe  
commune (EPS) avec des téléphones mobiles permettant  
l'échange de données  
(IEC 62684:2018)

Spezifikationen für die Interoperabilität eines einheitlichen  
externen Stromversorgungsgeräts (EPS) für die  
Anwendung bei datenübertragungsfähigen Mobiltelefonen  
(IEC 62684:2018)

This European Standard was approved by CENELEC on 2018-03-12. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CENELEC member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

[SIST EN IEC 62684:2019](#)

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European Committee for Electrotechnical Standardization  
Comité Européen de Normalisation Electrotechnique  
Europäisches Komitee für Elektrotechnische Normung

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

**EN IEC 62684:2018 (E)****European foreword**

The text of document 100/2872/CDV, future edition 2 of IEC 62684, prepared by technical area 14: "Interfaces and methods of measurement for personal computing equipment", 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 IEC 62684:2018.

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) 2018-12-12
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2021-03-12

This document supersedes EN 62684:2010.

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SIST EN IEC 62684:2019

In the official version, for Bibliography, the following notes have to be added for the standards indicated:

IEC 62680-1-2	NOTE	Harmonized as EN 62680-1-2.
IEC 62680-1-3	NOTE	Harmonized as EN 62680-1-3.
IEC 63002	NOTE	Harmonized as EN 63002.

## Annex ZA (normative)

### Normative references to international publications with their corresponding European publications

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.

NOTE 1 Where an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: [www.cenelec.eu](http://www.cenelec.eu).

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60950-1	-	Information technology equipment - Safety - Part 1: General requirements	EN 60950-1	-
IEC 62368-1	-	Audio/video, information and communication technology equipment -- Part 1: Safety requirements	EN 62368-1	-
IEC 62680-1-1	-	Universal Serial Bus interfaces for data and power Part 1-1: Universal Serial Bus interfaces - common components - USB Battery Charging Specification, Revision 1.2 (TA 14)	EN 62680-1-1	-
IEC 62680-2-1	2015	Universal Serial Bus interfaces for data and power Part 2-1: Universal Serial Bus Specification, Revision 2.0 (TA 14)	-	-
IEC 62680-2-2	-	Universal Serial Bus interfaces for data and power Part 2-2: Universal Serial Bus Micro-USB Cables and Connectors Specification, Revision 1.01 (TA 14)	EN 62680-2-2	-

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IEC 62684

Edition 2.0 2018-02

# INTERNATIONAL STANDARD

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**Interoperability specifications of common external power supplies (EPS) for use  
with data-enabled mobile telephones**

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INTERNATIONAL  
ELECTROTECHNICAL  
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## CONTENTS

FOREWORD .....	3
1 Scope .....	5
2 Normative references .....	5
3 Terms, definitions and abbreviated terms .....	5
3.1 Terms and definitions.....	5
3.2 Abbreviated terms.....	6
4 EPS specification .....	6
4.1 DC plug connector specification .....	6
4.2 AC input characteristic .....	6
4.3 Environmental specification .....	7
4.4 DC output characteristics .....	7
4.5 Protection .....	7
4.6 EPS detection .....	7
4.7 Reliability.....	7
5 Testing requirements .....	7
5.1 General.....	7
5.2 Ripple voltage at the DC output .....	7
Bibliography.....	9

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

**INTEROPERABILITY SPECIFICATIONS OF COMMON  
EXTERNAL POWER SUPPLIES (EPS) FOR USE WITH  
DATA-ENABLED MOBILE TELEPHONES**

## FOREWORD

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International Standard IEC 62684 has been prepared by technical area 14: Interfaces and methods of measurement for personal computing equipment, of IEC technical committee 100: Audio, video and multimedia systems and equipment.

This second edition cancels and replaces the first edition published in 2011. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

- a) Clause 1 is modified to include updated references to IEC Universal Serial Bus interface standards;
- b) Clause 2 is expanded to include references to IEC Universal Serial Bus interface standards;
- c) Subclause 4.1 is expanded to include requirements for non USB Micro-B plug DC plug connectors;