



SLOVENSKI STANDARD

SIST EN 62684:2011

01-marec-2011

Specifikacije medobratovnosti skupnega zunanje napajanja (EPS) za podatkovne mobilne telefone

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

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Ta slovenski standard je istoveten z: EN 62684:2010

ICS:

33.070.50	Globalni sistem za mobilno telekomunikacijo (GSM)	Global System for Mobile Communication (GSM)
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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 62684

December 2010

ICS 33.070.50

English version

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

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

Spezifikationen für die Interoperabilität
eines einheitlichen externen
Stromversorgungsgeräts (EPS) für die
Anwendung bei datenübertragungs-
fähigen Mobiltelefonen
(IEC 62684)

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This European Standard was approved by CENELEC on 2010-11-17. 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 Central Secretariat 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 Central Secretariat has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Bulgaria, Croatia, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

CENELEC

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

Management Centre: Avenue Marnix 17, B - 1000 Brussels

Foreword

The FprEN 50558 "Interoperability specifications of common external power supply (EPS) for use with data-enabled mobile telephones" was prepared by CENELEC BTTF 135-1 "Common charging capability of mobile telephones" and ratified by CENELEC on 2010-11-17.

The text of FprEN 50558 was taken over as 100/1714/CDV, future edition 1 of IEC 62684, by IEC TC 100, "Audio, video and multimedia systems and equipment", and submitted to the IEC vote for parallel publication in IEC and CENELEC.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN and CENELEC shall not be held responsible for identifying any or all such patent rights.

The following dates were fixed:

- latest date by which the EN has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2011-12-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2013-12-01

This European Standard has been prepared under Mandate M/455 given to CENELEC by the European Commission and the European Free Trade Association.

This standard refers to specifications developed by the USB Implementers Forum that can be found on the USB website at www.usb.org (see Annex ZA).

Annex ZA has been added by CENELEC.

[SIST EN 62684:2011](https://standards.iteh.ai/catalog/standards/sist/2c459321-2240-4e32-ad96-1978924ca596/sist-en-62684-2011)
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Endorsement notice

The text of the International Standard IEC 62684 was approved by CENELEC as a European Standard without any modification.

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following referenced documents are indispensable for the application 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 When an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60950-1 (mod)	-	Information technology equipment - Safety - Part 1: General requirements	EN 60950-1	-
Universal Serial Bus Specification, Revision 2.0	-	http://www.usb.org/developers/docs/	-	-
Universal Serial Bus, Cables and Connectors Class Document, Revision 2.0	2007	-	-	-
USB Battery Charging Specification, Revision 1.1	-	http://www.usb.org/developers/compliance/connectors/	-	-
USB Micro-USB Cables and Connectors Specification, Revision 1.01	-	-	-	-
USB-IF Cable Assembly Test Requirements for Compliant Usage of Connectors and Cables in Micro-USB 1.01	-	http://www.usb.org/developers/compliance/cable/	-	-
USB-IF Connector Test Requirements	-	http://www.usb.org/developers/compliance/connectors/	-	-

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IEC 62684

Edition 1.0 2011-01

INTERNATIONAL STANDARD

NORME INTERNATIONALE

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

Spécifications de l'interopérabilité de l'alimentation externe commune (EPS)
pour téléphones mobiles avec service de données

INTERNATIONAL
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INTERNATIONAL ELECTROTECHNICAL COMMISSION

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

FOREWORD

- 1) The International Electrotechnical Commission (IEC) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of IEC is to promote international co-operation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, IEC publishes International Standards, Technical Specifications, Technical Reports, Publicly Available Specifications (PAS) and Guides (hereafter referred to as "IEC Publication(s)"). Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
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International Standard IEC 62684 has been prepared by technical area 1: Terminals for audio, video and data services and content, of IEC technical committee 100: Audio, video and multimedia systems and equipment.

The text of this standard is based on the following documents:

CDV	Report on voting
100/1714/CDV	100/1771/RVC

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

The French version of this standard has not been voted upon.

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