



BSI Standards Publication

Medical electrical equipment

Part 2-83: Particular requirements for the basic safety and essential performance of home light therapy equipment

This is a preview of BS EN IEC 60601-2-83:2020+A1:2025. Click here to purchase the full version from the ANSI s

National foreword

This British Standard is the UK implementation of EN IEC 60601-2-83:2020+A1:2025. It is identical to IEC 60601-2-83:2019, incorporating amendment 1:2022. It supersedes BS EN IEC 60601-2-83:2020+A11:2021, which will be withdrawn on 30 June 2028.

The start and finish of text introduced or altered by amendment is indicated in the text by tags. Tags indicating changes to IEC text carry the number of the IEC amendment. For example, text altered by IEC amendment 1 is indicated by **A1** ~~A1~~.

The UK participation in its preparation was entrusted to Technical Committee CH/62/4, Electromedical equipment.

A list of organizations represented on this committee can be obtained on request to its committee manager.

Contractual and legal considerations

This publication has been prepared in good faith, however no representation, warranty, assurance or undertaking (express or implied) is or will be made, and no responsibility or liability is or will be accepted by BSI in relation to the adequacy, accuracy, completeness or reasonableness of this publication. All and any such responsibility and liability is expressly disclaimed to the full extent permitted by the law.

This publication is provided as is, and is to be used at the recipient's own risk.

The recipient is advised to consider seeking professional guidance with respect to its use of this publication.

This publication is not intended to constitute a contract. Users are responsible for its correct application.

This publication has been prepared under a mandate given to the European Standards Organizations by the European Commission and the European Free Trade Association. It is intended to support requirements of the EU legislation detailed in the European Foreword. A European Annex, usually Annex ZA or ZZ, describes how this publication relates to that EU legislation.

For the Great Britain market (England, Scotland and Wales), if UK Government has designated this publication for conformity with UKCA marking (or similar) legislation, it may contain an additional National Annex. Where such a National Annex exists, it shows the correlation between this publication and the relevant UK legislation. If there is no National Annex of this kind, the relevant Annex ZA or ZZ in the body of the European text will indicate the relationship to UK regulation applicable in Great Britain. References to EU legislation may need to be read in accordance with the UK designation and the applicable UK law. Further information on designated standards can be found at www.bsigroup.com/standardsandregulation.

For the Northern Ireland market, UK law will continue to implement relevant EU law subject to periodic confirmation. Therefore Annex ZA/ZZ in the European text, and references to EU legislation, are still valid for this market.

This is a preview of BS EN IEC 60601-2-83:2020+A1:2025. [Click here to purchase the full version from the ANSI s](#)

UK Government is responsible for legislation. For information on legislation and policies relating to that legislation, consult the relevant pages of www.gov.uk.

© The British Standards Institution 2025
Published by BSI Standards Limited 2025

ISBN 978 0 539 38953 1

ICS 11.040.60

Compliance with a British Standard cannot confer immunity from legal obligations.

This British Standard was published under the authority of the Standards Policy and Strategy Committee on 30 April 2020.

Amendments/corrigenda issued since publication

Date	Text affected
30 April 2021	Implementation of CENELEC amendment A11:2021: update to Annex ZA and addition of new Annexes ZZA and ZZB
30 June 2025	Implementation of IEC amendment 1:2022 with CENELEC endorsement A1:2025
31 July 2025	Correction to supersession details in national foreword
30 September 2025	Correction to supersession details in national foreword

This is a preview of BS EN IEC 60601-2-83:2020+A1:2025. [Click here to purchase the full version from the ANSI s](#)

EUROPÄISCHE NORM

June 2025

ICS 11.040.60

English Version

Medical electrical equipment - Part 2-83: Particular requirements
for the basic safety and essential performance of home light
therapy equipment
(IEC 60601-2-83:2019)

Appareils électromédicaux - Partie 2-83: Exigences
particulières pour la sécurité de base et les performances
essentielle des appareils de l'uminothérapie à domicile
(IEC 60601-2-83:2019)

Medizinische elektrische Geräte - Teil 2-83: Besondere
Festigungen für die Sicherheit einschließlich der
wesentlichen Leistungsmerkmale von Heim-
Lichttherapiegeräten
(IEC 60601-2-83:2019)

This European Standard was approved by CENELEC on 2020-01-01. 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.

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, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.



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

This is a preview of BS EN IEC 60601-2-83:2020+A1:2025. [Click here to purchase the full version from the ANSI s](#)

European foreword

The text of document 62D/1682/FDIS, future edition 1 of IEC 60601-2-83, prepared by SC 62D "Electromedical equipment" of IEC/TC 62 "Electrical equipment in medical practice" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 60601-2-83:2020.

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) 2020-10-03
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2023-04-03

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

This document has been prepared under a mandate given to CENELEC by the European Commission and the European Free Trade Association.

Endorsement notice

The text of the International Standard IEC 60601-2-83:2019 was approved by CENELEC as a European Standard without any modification.

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

IEC 60335-2-113	NOTE	Harmonized as FprEN 60335-2-113 to be published
IEC 60601-2-57:2011	NOTE	Harmonized as EN 60601-2-57:2011 (not modified)
IEC 60601-1-10	NOTE	Harmonized as EN 60601-1-10
IEC 60601-1-12	NOTE	Harmonized as EN 60601-1-12

This is a preview of BS EN IEC 60601-2-83:2020+A1:2025. [Click here to purchase the full version from the ANSI s](#)

European foreword

The text of document 62D/1931/CDV, future edition 1 of IEC 60601-2-83/AMD1, prepared by SC 62D "Particular medical equipment, software, and systems" of IEC/TC 62 "Medical equipment, software, and systems" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 60601-2-83:2020/A1:2025.

The following dates are fixed:

- latest date by which this document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2026-06-30
- latest date by which the national standards conflicting with this document have to be withdrawn (dow) 2028-06-30

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

This document has been prepared under a standardization request addressed to CENELEC by the European Commission. The Standing Committee of the EFTA States subsequently approves these requests for its Member States.

For the relationship with EU Legislation, see informative Annex ZZ, which is an integral part of this document.

Any feedback and questions on this document should be directed to the users' national committee. A complete listing of these bodies can be found on the CENELEC website.

Endorsement notice

The text of the International Standard IEC 60601-2-83:2019/AMD1:2022 was approved by CENELEC as a European Standard without any modification.