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BSI Standards Publication

Marking of electrical and electronic equipment (EEE) in respect to separate collection of waste EEE (WEEE)

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National foreword

This British Standard is the UK implementation of EN 50419:2022. It supersedes BS EN 50419:2006, which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee GEL/111, Electrotechnical environment committee.

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

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Published by BSI Standards Limited 2022

ISBN 978 0 539 15934 9

ICS 01.080.20; 01.080.40; 29.020; 31.020

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This British Standard was published under the authority of the Standards Policy and Strategy Committee on 31 July 2022.

Amendments/corrigenda issued since publication

Date	Text affected
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EUROPÄISCHE NORM

July 2022

ICS 01.080.40; 29.020; 31.020

Supersedes EN 50419:2006

English Version

Marking of electrical and electronic equipment (EEE) in respect to separate collection of waste EEE (WEEE)

Marquage des équipements électriques et électroniques pour la collecte séparée des déchets EEE (DEEE)

Kennzeichnung von Elektro- und Elektronikgeräten für eine getrennte Sammlung von Elektro- und Elektronik-Altgeräten

This European Standard was approved by CENELEC on 2022-06-06. 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

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European foreword

This document (EN 50419:2022) has been prepared by CLC/TC 111X "*Environment*".

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) 2023-06-06
- latest date by which the national standards conflicting with this document have to be withdrawn (dow) 2025-06-06

This document supersedes EN 50419:2006 and all of its amendments and corrigenda (if any).

EN 50419:2022 includes the following significant technical changes with respect to EN 50419:2006:

- The previous edition specified the marking requirements as described in 2002/96/EC (WEEE) and directly refers to this Directive 2002/96/EC (WEEE) which was meanwhile replaced by 2012/19/EU (WEEE, recast). This document presents the marking requirements independent from a regulation version.
- The revision clarifies the different possibilities of use the crossed-out wheeled bin combined with the black bar and / or manufacturing date.

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 given to CENELEC by the European Commission and the European Free Trade Association.

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

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Introduction

This document aims to assist the marking of electrical and electronic equipment (EEE) with a view to minimizing the disposal of waste EEE (WEEE) as unsorted waste and to facilitating its separate collection. For this purpose it specifies the different possibilities to use the crossed-out wheeled bin symbol combined with the black bar and / or manufacturing date supporting the identification when the equipment was put on the market.

This document supports the respective essential requirements of Directive 2012/19/EU (WEEE, recast). This document does not constitute a request for design change for existing products specified to meet the previous edition of the standard or the former Directive 2002/96/EC (WEEE).

This document supports the objectives of the Community's environment policy. These aim to preserve, protect and improve the quality of the environment, protect human health and utilize natural resources prudently and rationally.

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1 Scope

This document specifies a marking

- of electrical and electronic equipment (EEE) with a view to minimizing the disposal of waste EEE (WEEE) as unsorted waste and to facilitating its separate collection.

NOTE 1 This is in accordance with Article 14(4) of Directive 2012/19/EU (WEEE, recast)

- that serves to clearly identify the producer of the equipment and
- that the equipment has been put on the market after 13 August 2005.

NOTE 2 This is in accordance with Articles 12(3) and 15(2) of Directive 2012/19/EU (WEEE, recast)

- that applies to categories of electrical and electronic equipment subject to WEEE collection, treatment, recovery and environmentally sound disposal as defined by European and national regulations, provided the equipment concerned is not part of another type of equipment that does not fall within the scope of above mentioned regulations.

NOTE 3 This is in accordance with Article 2 and Annexes I – IV of Directive 2012/19/EU (WEEE, recast) [1]

The definition of a technical carrier medium for machine based identifying the producer, such as a barcode, electronic data medium or microchip, is not covered by this document.

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.

ISO 8601 (all parts), *Date and time — Representations for information interchange*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- ISO Online browsing platform: available at <https://www.iso.org/obp>
- IEC Electropedia: available at <https://www.electropedia.org/>

3.1

electrical and electronic equipment

EEE

equipment which is dependent on electric currents or electro-magnetic fields in order to work properly and equipment for the generation, transfer and measurement of such currents and fields and designed for use with a voltage rating not exceeding 1000 V for alternating current and 1500 V for direct current

[SOURCE: Directive 2012/19/EU, Art. 3.1 (a)]