



BSI Standards Publication

Electric instantaneous water heaters

Part 2-2: Performance requirements - Single point of use
electric instantaneous showers - Efficiency

National foreword

This British Standard is the UK implementation of EN 50193-2-2:2016+A1:2020. It supersedes BS EN 50193-2-2:2016, which is withdrawn.

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

The UK participation in its preparation was entrusted to Technical Committee CPL/59, Performance of household electrical appliances.

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

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

© The British Standards Institution 2020
Published by BSI Standards Limited 2020

ISBN 978 0 539 15246 3

ICS 91.140.65

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 31 January 2017.

Amendments/corrigenda issued since publication

Date	Text affected
30 September 2020	Implementation of CENELEC amendment A1:2020

English Version

Electric instantaneous water heaters - Part 2-2: Performance requirements - Single point of use electric instantaneous showers - Efficiency

Chauffe-eau électriques instantanés - Partie 2-2 :
Exigences d'aptitude à la fonction - Chauffe-eau
instantanés de douches à un seul point d'utilisation -
Efficacité

Elektro-Durchfluss-Wassererwärmer - Teil 2-2:
Anforderungen an die Gebrauchseigenschaften -
Durchfluss-Wassererwärmer für eine einzelne Zapfstelle -
Effizienz

This European Standard was approved by CENELEC on 2016-10-10. 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, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Romania, 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: Avenue Marnix 17, B-1000 Brussels

Contents

	Page
European foreword	3
1 Scope	4
2 Normative references	4
3 Terms and definitions.....	4
4 General test conditions	4
5 Energy efficiency	4
5.1 Test method.....	4
Annex A (normative) Load pattern	6
Annex B (normative) Test Set Up.....	7
Annex ZZA (informative) Relationship between this European Standard and the energy labelling requirements of Commission Delegated Regulation (EU) No 812/2013 aimed to be covered	Error! Bookmark not d
Annex ZZB (informative) Relationship between this European Standard and the ecodesign requirements of Commission Regulation (EU) No 814/2013 aimed to be covered	Error! Bookmark not defined.
Bibliography	9

European foreword

This document (EN 50193-2-2) has been prepared by CLC/TC 59X “Performance of household and similar electrical appliances”.

The following dates are fixed:

- latest date by which this document has (dop) [2017-10-10]
to be implemented at national level by
publication of an identical national
standard or by endorsement
- latest date by which the national (dow) [2019-10-10]
standards conflicting with this
document have to be withdrawn

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.

For the relationship with EU Directive(s) see informative Annexes ZZA and ZZB, which are an integral part of this document.

This document has been prepared under a mandate given to CENELEC by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s).