



BSI Standards Publication

# Requirements for generating plants to be connected in parallel with distribution networks

---

Part 10: Tests for conformity assessment of generating units

## National foreword

This British Standard is the UK implementation of EN 50549-10:2022.

The UK participation in its preparation was entrusted to Technical Committee GEL/8, Systems Aspects for Electrical Energy Supply.

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.

© The British Standards Institution 2022  
Published by BSI Standards Limited 2022

ISBN 978 0 539 16222 6

ICS 29.160.20

**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 November 2022.

### Amendments/corrigenda issued since publication

Date	Text affected
------	---------------

---

EUROPEAN STANDARD

**EN 50549-10**

NORME EUROPÉENNE

EUROPÄISCHE NORM

October 2022

ICS 29.160.20

Supersedes EN 50438:2013 (PART); EN  
50438:2013/IS1:2015 (PART)

English Version

**Requirements for generating plants to be connected in parallel  
with distribution networks - Part 10: Tests for conformity  
assessment of generating units**

Exigences relatives aux centrales électriques destinées à  
être raccordées en parallèle à des réseaux de distribution -  
Partie 10: Essais d'évaluation de la conformité des unités  
de production

Anforderungen für zum Parallelbetrieb mit einem Verteilnetz  
vorgesehene Erzeugungsanlagen - Teil 10:  
Prüfanforderungen für die Konformitätsbeurteilung von  
Erzeugungseinheiten

This European Standard was approved by CENELEC on 2022-08-09. 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, Türkiye 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**