#### BS EN 61427-1:2013



## **BSI Standards Publication**

# Secondary cells and batteries for renewable energy storage — General requirements and methods of test -

Part 1: Photovoltaic off-grid application



BS EN 61427-1:2013 BRITISH STANDARD

#### **National foreword**

This British Standard is the UK implementation of EN 61427-1:2013. It is identical to IEC 61427-1:2013. Together with BS EN 61427-2, it supersedes BS EN 61427:2005 which will be withdrawn upon publication of all parts of this series.

The UK participation in its preparation was entrusted to Technical Committee PEL/21, Secondary cells and batteries.

A list of organizations represented on this subcommittee can be obtained on request to its secretary.

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 2014. Published by BSI Standards Limited 2014

ISBN 978 0 580 74813 4

ICS 27.160; 29.220.20

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 31 January 2014.

Amendments/corrigenda issued since publication

Date Text affected

#### **EUROPEAN STANDARD**

#### EN 61427-1

# NORME EUROPÉENNE EUROPÄISCHE NORM

July 2013

ICS 27.160; 29.220.20

Supersedes EN 61427:2005

#### English version

# Secondary cells and batteries for renewable energy storage General requirements and methods of test Part 1: Photovoltaic off-grid application

(IEC 61427-1:2013)

Accumulateurs pour le stockage de l'énergie renouvelable - Exigences générales et méthodes d'essais - Partie 1: Applications photovoltaïques hors réseaux (CEI 61427-1:2013)

Wiederaufladbare Zellen und Batterien für die Speicherung erneuerbarer Energien -Allgemeine Anforderungen und Prüfverfahren -Teil 1: Photovoltaische netzunabhängige Anwendung

(IEC 61427-1:2013)

This European Standard was approved by CENELEC on 2013-05-28. 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.

### **CENELEC**

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

Management Centre: Avenue Marnix 17, B - 1000 Brussels