



BSI Standards Publication

Primary batteries

Part 5: Safety of batteries with aqueous electrolyte

National foreword

This British Standard is the UK implementation of EN IEC 60086-5:2021. It is identical to IEC 60086-5:2021, incorporating corrigendum June 2022. It supersedes BS EN 60086-5:2016, which is withdrawn.

The start and finish of text introduced or altered by corrigendum is indicated in the text by tags. Text altered by IEC corrigendum June 2022 is indicated in the text by AC1 AC1.

The UK participation in its preparation was entrusted to Technical Committee CPL/35, Primary cells.

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

BSI, as a member of CENELEC, is obliged to publish EN IEC 60086-5:2021 as a British Standard. However, attention is drawn to the fact that during the development of this European Standard, the UK committee voted against its approval.

It is the belief of the UK committee that abuse testing of batteries with aqueous electrolyte should be more thorough and that the method described within this document is oversimplified. The UK committee advises users to simulate test conditions whereby one battery in a set of four connected in series parallel is reversed.

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Published by BSI Standards Limited 2022

ISBN 978 0 539 23202 8

ICS 29.220.10

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This British Standard was published under the authority of the Standards Policy and Strategy Committee on 30 November 2021.

Amendments/corrigenda issued since publication

Date	Text affected
31 October 2022	Implementation of IEC corrigendum June 2022