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Responsible committee: PEL/21 Secondary cells and batteries

Interested committees:

Title: Draft BS EN IEC 63330 Requirements for reuse of secondary batteries.

Please notify the secretary if you are aware of any keywords that might assist in classifying or identifying the standard or if the content of this standard

- i) has any issues related to 3rd party IPR, patent or copyright
- ii) affects other national standard(s)
- iii) requires additional national guidance or information

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Full document details: 21/30423211 DC

Introduction

This draft standard is based on national and international discussions. Your comments on this draft are invited and will assist in the preparation of the consequent standard.

For international standards, comments will be reviewed by the relevant UK national committee before sending the consensus UK vote and comments to the international committee, which will then decide appropriate action. If the international standard is approved, it is usual for the text to be published as a British Standard.

For national standards, comments will be reviewed by the relevant UK national committee and the resulting standards published as a British Standard.

UK Vote

Please indicate whether you consider the UK should submit a negative (with supporting technical reasons) or positive vote on this draft. Please indicate if you are aware of any reason why this draft standard should not be published as a British Standard.

Submission of Comments

- **Annotated drafts are not acceptable and will be rejected.**
- All comments should be submitted online at <https://standardsdevelopment.bsigroup.com/>. You will need to register in order to comment.

Template for comments and secretariat observations

Date: xx/xx/20xx	Document: ISO/DIS xxxx
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1	2	(3)	4	5	(6)	7
MB	Clause No./ Subclause No./Annex (e.g. 3.1)	Paragraph/Figure/ Table/Note	Type of comment	Commend (justification for change) by the MB	Proposed change by the MB	Secretariat observations on each comment submitted
	3.1	Definition 1	ed	Definition is ambiguous and needs clarifying.	Amend to read '...so that the mains connector to which no connection...'	
	6.4	Paragraph 2	te	The use of the UV photometer as an alternative cannot be supported as serious problems have been encountered in its use in the UK.	Delete reference to UV photometer.	



21/1090/CD

COMMITTEE DRAFT (CD)

PROJECT NUMBER:

IEC 63330 ED1

DATE OF CIRCULATION:

2021-06-18

CLOSING DATE FOR COMMENTS:

2021-09-10

SUPERSEDES DOCUMENTS:

21/1045/NP, 21/1061/RVN

IEC TC 21 : SECONDARY CELLS AND BATTERIES

SECRETARIAT:

France

SECRETARY:

Mr Yves Boudou

OF INTEREST TO THE FOLLOWING COMMITTEES:

SC 21A, TC 120

PROPOSED HORIZONTAL STANDARD:



Other TC/SCs are requested to indicate their interest, if any, in this CD to the secretary.

FUNCTIONS CONCERNED:

☐ EMC

☐ ENVIRONMENT

☐ QUALITY ASSURANCE

☒ SAFETY

This document is still under study and subject to change. It should not be used for reference purposes.

Recipients of this document are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

TITLE:

Requirements for reuse of secondary batteries

NOTE FROM TC/SC OFFICERS:

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

Requirements for repurposing of secondary batteries

FOREWORD

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International Standard IEC 63330 has been prepared by IEC technical committee 21: Secondary cells and batteries.

The text of this International Standard is based on the following documents:

FDIS	Report on voting
21/XX/FDIS	21/XX/RVD

Full information on the voting for the approval of this International Standard can be found in the report on voting indicated in the above table.

This document has been drafted in accordance with the ISO/IEC Directives, Part 2.

The committee has decided that the contents of this document will remain unchanged until the stability date indicated on the IEC website under "<http://webstore.iec.ch>" in the data related to the specific document. At this date, the document will be

- 99 • reconfirmed,
- 100 • withdrawn,
- 101 • replaced by a revised edition, or
- 102 • amended.

103

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INTRODUCTION

105 Increasing concerns about the global warming, air quality and energy saving have been
106 encouraging the utilization of rechargeable energy storage systems for different applications
107 such as electric mobility. In parallel, technical advance in secondary batteries, especially in
108 lithium-ion batteries, provides the market with practical option to repurpose the used batteries
109 and battery systems that may maintain substantial performance even after the end of use of
110 original equipment such as electric vehicle.

111 In order to foster such new business and to accelerate effective and safe utilization of energy
112 source, it is indispensable to establish a basic international standard for evaluation of safety
113 and performance of used batteries and battery systems, which derive from different
114 equipment with different histories, and will be repurposed for different applications.

115 This document intends to provide basic requirements and procedure how to evaluate the
116 performance and safety of used batteries and battery systems, and also provide general
117 requirements for application of repurposed batteries.

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