BS EN IEC 63118-1:2024



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12 V lithium-ion secondary batteries for automotive starting, lighting, ignition (SLI) applications and auxiliary purposes

Part 1: General requirements and methods of test

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National foreword

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

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

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English Version

12 V lithium-ion secondary batteries for automotive starting, lighting, ignition (SLI) applications and auxiliary purposes - Part 1: General requirements and methods of test (IEC 63118-1:2024)

Accumulateur ion-lithium 12 V pour les applications de démarrage, d'éclairage, d'allumage (SLI) et les utilisations auxiliaires des véhicules automobiles - Partie 1 - Exigences et méthodes d'essai générales (IEC 63118-1:2024)

12-Volt-Lithium-Ionen-Sekundärbatterien für Anwendungen und Hilfsanwendungen von Fahrzeug-SLI-Batterien - Teil 1: Allgemeine Anforderungen und Prüfverfahren (IEC 63118-1:2024)

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

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European foreword

The text of document 21/1177/FDIS, future edition 1 of IEC 63118-1, prepared by IEC/TC 21 "Secondary cells and batteries" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 63118-1:2024.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2024-12-27
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2027-03-27

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Endorsement notice

The text of the International Standard IEC 63118-1:2024 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following notes have to be added for the standard indicated:

IEC 61434:1996 NOTE Approved as EN 61434:1996 (not modified)

IEC 63057:2020 NOTE Approved as EN IEC 63057:2020 (not modified)

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Annex ZA
(normative)

Normative references to international publications with their corresponding European publications

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE 1 Where an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cencenelec.eu.

Publication	Year	Title	EN/HD	Year
IEC 60050-482	-	International Electrotechnical Vocabulary - Part 482: Primary and secondary cells and batteries	-	-
IEC 62902	-	Secondary cells and batteries - Marking symbols for identification of their chemistry	EN IEC 62902	-
ISO/IEC Guide 51	-	Safety aspects - Guidelines for their inclusion in standards	-	-

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