

Dynamic modules - Part 1: Performance standards -
General conditions

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN IEC 62343-1:2019 sisaldab Euroopa standardi EN IEC 62343-1:2019 ingliskeelset teksti.	This Estonian standard EVS-EN IEC 62343-1:2019 consists of the English text of the European standard EN IEC 62343-1:2019.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation.
Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 26.04.2019.	Date of Availability of the European standard is 26.04.2019.
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English Version

**Dynamic modules - Part 1: Performance standards - General
conditions
(IEC 62343-1:2019)**

Modules dynamiques - Partie 1: Normes de performance -
Conditions générales
(IEC 62343-1:2019)

Dynamische Module - Teil 1: Betriebsverhaltensnorm -
Allgemeine Bedingungen
(IEC 62343-1:2019)

This European Standard was approved by CENELEC on 2019-03-13. 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.

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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 86C/1518/CDV, future edition 2 of IEC 62343-1, prepared by SC 86C "Fibre optic systems and active devices" of IEC/TC 86 "Fibre optics" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 62343-1:2019.

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) 2019-12-13
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2022-03-13

This document supersedes EN 62343-1:2016, of which it constitutes a technical revision.
This edition includes the following technical changes with respect to the previous edition:

- a) errors in Table 1 have been corrected
- b) the content of Table A.1 has been revised.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC shall not be held responsible for identifying any or all such patent rights.

Endorsement notice

The text of the International Standard IEC 62343-1:2019 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 standards indicated:

IEC 62343	NOTE	Harmonized as EN 62343
IEC 62343-1-2	NOTE	Harmonized as EN 62343-1-2
IEC 62343-1-3	NOTE	Harmonized as EN 62343-1-3
IEC 62343-2	NOTE	Harmonized as EN 62343-2

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.cenelec.eu.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 62343	-	Dynamic modules – General and guidance	EN 62343	-
IEC/TS 62538	-	Categorization of optical devices	-	-
ITU-T Recommendation G.Sup39	-	Optical system design and engineering considerations	-	-

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

DYNAMIC MODULES –

Part 1: Performance standards – General conditions

FOREWORD

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International Standard IEC 62343-1 has been prepared by subcommittee 86C: Fibre optic systems and active devices, of IEC technical committee 86: Fibre optics.

This second edition cancels and replaces the first edition, published in 2016, and constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

- a) errors of Table 1 has been corrected;
- b) the contents of Table A.1 has been revised.

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

CDV	Report on voting
86C/1518/CDV	86C/1560/RVC

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.

A list of all parts in the IEC 62343 series, published under the general title *Dynamic modules*, can be found on the IEC website.

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

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

INTRODUCTION

Performance standards define standard electrical and optical performance under a set of prescribed conditions and contain a series or a set of tests and measurements with clearly defined conditions, severities and pass/fail criteria. The tests are intended to be run on initial design verification to prove the product's ability to satisfy the requirements of a specific application, market sector or user group.

Performance standards do not specify the requirements on reliability, which are defined in IEC 62343-2.