

STN	Dynamické moduly Časť 1: Normy na prevádzkové charakteristiky Všeobecné podmienky	STN EN IEC 62343-1 35 9258
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Dynamic modules - Part 1: Performance standards - General conditions

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 07/19

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Supersedes EN 62343-1:2016

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)

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

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

EN IEC 62343-1:2019 (E)**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- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2022-03-13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.

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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

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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	-	-



IEC 62343-1

Edition 2.0 2019-02

INTERNATIONAL STANDARD

NORME INTERNATIONALE

**Dynamic modules –
Part 1: Performance standards – General conditions**

**Modules dynamiques –
Partie 1: Normes de performance – Conditions générales**





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IEC 62343-1

Edition 2.0 2019-02

INTERNATIONAL STANDARD

NORME INTERNATIONALE

**Dynamic modules –
Part 1: Performance standards – General conditions**

**Modules dynamiques –
Partie 1: Normes de performance – Conditions générales**

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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.

DYNAMIC MODULES –

Part 1: Performance standards – General conditions

1 Scope

This document provides general conditions for the standard performance of optical dynamic modules. All performance standards of dynamic modules are based on the general conditions defined in this document. Additional conditions are included in individual performance standards.

2 Normative references

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.

IEC 62343, *Dynamic modules – General and guidance*

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