

Photovoltaic (PV) modules - Transportation testing -
Part 1: Transportation and shipping of module package
units

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NATIONAL FOREWORD

See Eesti standard EVS-EN 62759-1:2015 sisaldab Euroopa standardi EN 62759-1:2015 ingliskeelset teksti.	This Estonian standard EVS-EN 62759-1:2015 consists of the English text of the European standard EN 62759-1:2015.
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English Version

Photovoltaic (PV) modules - Transportation testing -
Part 1: Transportation and shipping of module package units
(IEC 62759-1:2015)

Modules photovoltaïques (PV) - Essais de transport -
Partie 1: Transport et expédition d'unités d'emballage
de modules
(IEC 62759-1:2015)

Transportprüfung von Photovoltaik(PV)-Modulen -
Teil 1: Transport und Versand von PV-Modulpaketen
(IEC 62759-1:2015)

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

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

European foreword

The text of document 82/962/FDIS, future edition 1 of IEC 62759-1, prepared by IEC/TC 82 "Solar photovoltaic energy systems" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 62759-1:2015.

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) 2016-05-01
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2018-07-31

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The text of the International Standard IEC 62759-1:2015 was approved by CENELEC as a European Standard without any modification.

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE 1 When 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 60068-2-27	2008	Environmental testing - Part 2-27: Tests - Test Ea and guidance: Shock	EN 60068-2-27	2009
IEC 60068-2-64	-	Environmental testing - Part 2-64: Tests - Test Fh: Vibration, broadband random and guidance	EN 60068-2-64	-
IEC 61215	2005	Crystalline silicon terrestrial photovoltaic (PV) modules - Design qualification and type approval	EN 61215	2005
IEC 61646	2008	Thin-film terrestrial photovoltaic (PV) modules - Design qualification and type approval	EN 61646	2008
IEC 61730-2 (mod)	2004	Photovoltaic (PV) module safety qualification - Part 2: Requirements for testing	EN 61730-2	2007
IEC/TS 61836	-	Solar photovoltaic energy systems - Terms, definitions and symbols	CLC/TS 61836	-
IEC 62108	2007	Concentrator Photovoltaic (CPV) modules and assemblies - Design qualification and type approval	EN 62108	2008
IEC/TS 62782	- ¹⁾	Dynamic mechanical load testing for photovoltaic (PV) modules	-	-
ISO 13355	-	Packaging - Complete, filled transport packages and unit loads - Vertical random vibration test	EN ISO 13355	-

1) To be published.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
ASTM D 880-92	2008	Standard Test Method for Impact Testing for Shipping Containers and Systems	-	-
ASTM D 4169	2008	Standard Practice for Performance Testing of Shipping Containers and Systems	-	-
ASTM D 4728	2006	Standard Test Method for Random Vibration Testing of Shipping Containers	-	-
ASTM D 5277	1992	Standard Test Method for Performing Programmed Horizontal Impacts Using an Inclined Impact Tester	-	-
MIL-STD-810G	-	Test Method Standard: Environmental Engineering Considerations and Laboratory Tests	-	-

CONTENTS

FOREWORD.....	3
1 Scope and object.....	5
2 Normative references	5
3 Terms and definitions	6
4 Sampling.....	7
5 Handling.....	7
6 Testing procedures.....	8
6.1 General.....	8
6.2 Measurements	11
6.3 Transportation testing	11
6.3.1 General	11
6.3.2 Random vibration testing.....	11
6.3.3 Shock testing.....	12
6.4 Environmental stress tests	13
6.4.1 PV modules	13
6.4.2 CPV modules and receivers	14
7 Reporting	14
Annex A (normative) Test profiles	16
A.1 Overview	16
A.2 Data points of appropriate PSD test profiles.....	16
Figure 1 – Test sequences for PV modules.....	9
Figure 2 – Test sequences for CPV modules	10
Figure A.1 – Appropriate PSD test profile	18
Table A.1 – Severity of common transport test profiles: complete and in range (5 Hz – 200 Hz)	16
Table A.2 – Main reference ASTM D4169 (truck medium)	17
Table A.3 – Grid points ISO 13355	17
Table A.4 – IEC 60068-2-64 / MIL STD 810G	17
Table A.5 – ISTA 3E	17