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Concentrator photovoltaic (CPV) modules - Thermal cycling test to differentiate increased thermal fatigue durability

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN 62925:2017 sisaldab Euroopa standardi EN 62925:2017 ingliskeelset teksti.	This Estonian standard EVS-EN 62925:2017 consists of the English text of the European standard EN 62925:2017.
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 05.05.2017.	Date of Availability of the European standard is 05.05.2017.
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ICS 27.160

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EUROPEAN STANDARD
NORME EUROPÉENNE
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English Version

Concentrator photovoltaic (CPV) modules - Thermal cycling test
to differentiate increased thermal fatigue durability
(IEC 62925:2016)

Modules photovoltaïques à concentration (CPV) - Essai de
cycles thermiques pour la détermination de la durabilité
renforcée à la fatigue thermique
(IEC 62925:2016)

CPV-Module - Temperaturwechselprüfung für CPV-Module
zur Bewertung erhöhter Temperaturwechselbeständigkeit
(IEC 62925:2016)

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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 82/1185/FDIS, future edition 1 of IEC 62925, prepared by IEC/TC 82 "Solar photovoltaic energy systems" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 62925:2017.

The following dates are fixed:

- latest date by which the document has to be implemented at (dop) 2017-11-05 national level by publication of an identical national standard or by endorsement
- latest date by which the national standards conflicting with (dow) 2020-05-05 the document have to be withdrawn

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Endorsement notice

The text of the International Standard IEC 62925:2016 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 62108	2016	Concentrator photovoltaic (CPV) modules and assemblies - Design qualification and type approval	EN 62108	2016

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INTRODUCTION

IEC 62108 defines IEC requirements for the design qualification of concentrator modules for long-term operation in general open-air climates. This standard, IEC 62925, is not compulsory with but will supplement IEC 62108 by providing tests that differentiate thermal fatigue durability of concentrator modules for deployment in a larger range of applications and climates.