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Responsible committee: GEL/82 Photovoltaic Energy Systems

Interested committees:

Title: BS EN 61215-1-1 Amd.1 Ed.2.0 Draft Amendment 1 - Terrestrial photovoltaic (PV) modules - Design qualification and type approval. Part 1-1: Special requirements for testing of crystalline silicon photovoltaic (PV) modules.

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- iii) requires additional national guidance or information

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Introduction

This draft standard is based on national and international discussions. Your comments on this draft are invited and will assist in the preparation of the consequent standard.

For international standards, comments will be reviewed by the relevant UK national committee before sending the consensus UK vote and comments to the international committee, which will then decide appropriate action. If the international standard is approved, it is usual for the text to be published as a British Standard.

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Please indicate whether you consider the UK should submit a negative (with supporting technical reasons) or positive vote on this draft. Please indicate if you are aware of any reason why this draft standard should not be published as a British Standard.

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- **Annotated drafts are not acceptable and will be rejected.**
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Template for comments and secretariat observations

Date: xx/xx/20xx	Document: ISO/DIS xxxx
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1	2	(3)	4	5	(6)	7
MB	Clause No./ Subclause No./Annex (e.g. 3.1)	Paragraph/ Figure/Table/Note	Type of comment	Comment (justification for change) by the MB	Proposed change by the MB	Secretariat observations on each comment submitted
	3.1	Definition 1	ed	Definition is ambiguous and needs clarifying.	Amend to read '...so that the mains connector to which no connection...'	
	6.4	Paragraph 2	te	The use of the UV photometer as an alternative cannot be supported as serious problems have been encountered in its use in the UK.	Delete reference to UV photometer.	



82/2370/CD

COMMITTEE DRAFT (CD)

PROJECT NUMBER:

IEC 61215-1-1/AMD1 ED2

DATE OF CIRCULATION:

2025-02-28

CLOSING DATE FOR COMMENTS:

2025-04-25

SUPERSEDES DOCUMENTS:

82/2126/RR

IEC TC 82 : SOLAR PHOTOVOLTAIC ENERGY SYSTEMS

SECRETARIAT:

United States of America

SECRETARY:

Mr George Kelly

OF INTEREST TO THE FOLLOWING COMMITTEES:

HORIZONTAL FUNCTION(S):

ASPECTS CONCERNED:

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Recipients of this document are invited to submit, with their comments, notification of any local regulations or technical reasons that may exist and should be considered should this proposal proceed, recognizing that failure to address such requirements could result in the need for new or existing "In Some Countries" clauses. (SEE AC/22/2007 OR NEW GUIDANCE DOC).

TITLE:

Amendment 1 - Terrestrial photovoltaic (PV) modules - Design qualification and type approval - Part 1-1: Special requirements for testing of crystalline silicon photovoltaic (PV) modules

NOTE FROM TC/SC OFFICERS:

This project was discussed and supported by WG2 during their meeting in 2024-10.

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Documents
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CONTENTS

1		
2	FOREWORD	3
3	1 Scope	5
4	2 Normative references	5
5	3 Terms and definitions	6
6	4 Test samples	6
7	5 Marking and documentation	6
8	6 Testing	6
9	7 Pass criteria	6
10	8 Major visual defects	6
11	9 Report	6
12	10 Modifications	6
13	11 Test flow and procedures	6
14	11.1 Visual inspection (MQT 01)	6
15	11.2 Maximum power determination (MQT 02)	6
16	11.3 Insulation test (MQT 03)	6
17	11.4 Measurement of temperature coefficients (MQT 04)	7
18	11.5 Placeholder section, formerly NMOT	7
19	11.6 Performance at STC (MQT 06.1)	7
20	11.7 Performance at low irradiance (MQT 07)	7
21	11.8 Outdoor exposure test (MQT 08)	7
22	11.9 Hot-spot endurance test (MQT 09)	7
23	11.9.1 Purpose	7
24	11.9.2 Classification of cell interconnection	7
25	11.9.3 Apparatus	7
26	11.9.4 Procedure	7
27	11.9.5 Final measurements	7
28	11.9.6 Requirements	7
29	11.10 UV preconditioning test (MQT 10)	7
30	11.11 Thermal cycling test (MQT 11)	7
31	11.12 Humidity-freeze test (MQT 12)	8
32	11.13 Damp heat test (MQT 13)	8
33	11.14 Robustness of terminations (MQT 14)	8
34	11.15 Wet leakage current test (MQT 15)	8
35	11.16 Static mechanical load test (MQT 16)	8
36	11.17 Hail test (MQT 17)	8
37	11.18 Bypass diode testing (MQT 18)	8
38	11.19 Stabilization (MQT 19)	8
39	11.19.1 Criterion definition for stabilization	9
40	11.19.2 Light induced stabilization procedures	9
41	11.19.3 Other stabilization procedures	9
42	11.19.4 Initial stabilization (MQT 19.1)	9
43	11.19.5 Final stabilization (MQT 19.2)	9
44	11.20 Cyclic (dynamic) mechanical load test (MQT 20)	11
45	11.21 Potential induced degradation test (MQT 21)	12
46	11.22 Bending test (MQT 22)	12
47	Figure 1 – Flow chart summary of MQT 19.2	11

INTERNATIONAL ELECTROTECHNICAL COMMISSION

**TERRESTRIAL PHOTOVOLTAIC (PV) MODULES –
DESIGN QUALIFICATION AND TYPE APPROVAL –****Part 1-1: Special requirements for testing of crystalline
silicon photovoltaic (PV) modules**

FOREWORD

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International Standard IEC 61215-1-1 has been prepared by IEC technical committee 82: Solar photovoltaic energy systems.

This second edition cancels and replaces the first edition of IEC 61215-1-1, issued in 2016, and constitutes a technical revision.

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

- a) The bifacial stress irradiance (BSI), which was used to determine stress conditions for bifacial modules, has been replaced by the applied bifacial stress irradiance (aBSI).
- b) The UV dose applied for the recovery of PV modules susceptible to PID-polarization has been revised.
- c) A final stabilization procedure has been introduced for modules exhibiting metastability.

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