

Photovoltaic (PV) systems — Characteristics of the utility interface

The European Standard EN 61727:1995 has the status of a
British Standard

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Committees responsible for this British Standard

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- British Telecommunications plc
- Federation of the Electronics Industry
- Ministry of Defence
- National Supervising Inspectorate
- United Kingdom Optical Sensors Collaborative Association

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National foreword

This British Standard has been prepared by Subcommittee EPL/47/3 and is the English language version of EN 61727:1995, *Photovoltaic (PV) systems. Characteristics of the utility interface*, published by the European Committee for Electrotechnical Standardization (CENELEC). It is identical with IEC 1727:1995 published by the International Electrotechnical Commission (IEC).

Cross-references

Publication referred to	Corresponding British Standard
EN 60555-2:1987 ^a [IEC 555-2 (mod):1982]	BS 5406 <i>Disturbances in supply systems caused by household appliances and similar electrical equipment</i> Part 2:1988 <i>Specification of harmonics</i>
EN 60555-3:1987 ^a (IEC 555-3:1982)	Part 3:1988 <i>Specification of voltage fluctuations</i>
EN 61173:1994 (IEC 1173:1992)	BS EN 61173:1995 <i>Overvoltage protection for photovoltaic (PV) power generating systems. Guide</i>

^a Annex ZA states that these standards have been superseded by EN 61000-3-2 and EN 61000-3-3 respectively. The corresponding British Standards are:
BS EN 61000-3-2 *Electromagnetic compatibility (EMC) — Part 3 Limits — Section 2:1995 Limits for harmonic current emissions (equipment input current ≤ 16 A per phase)*
BS EN 61000-3-3 *Electromagnetic compatibility (EMC) — Part 3 Limits — Section 3:1995 Limitation of voltage fluctuations and flicker in low-voltage supply systems for equipment with rated current ≤ 16 A.*

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Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, the EN title page, pages 2 to 10, an inside back cover and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

English version

Photovoltaic (PV) systems Characteristics of the utility interface

(IEC 1727:1995)

Systèmes photovoltaïques (PV)
Caractéristiques de l'interface de raccordement
au réseau
(CEI 1727:1995)

Photovoltaische (PV) Systeme
Eigenschaften der Netz-Schnittstelle
(IEC 1727:1995)

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This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the Central Secretariat has the same status as the official versions.

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CENELEC

European Committee for Electrotechnical Standardization
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