

INTERNATIONAL STANDARD

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60904-2

Second edition
2007-03

Photovoltaic devices –
Part 2:
Requirements for reference solar devices

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

PHOTOVOLTAIC DEVICES –

Part 2: Requirements for reference solar devices

FOREWORD

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International Standard IEC 60904-2 has been prepared by IEC Technical Committee 82: Solar photovoltaic energy systems.

This second edition cancels and replaces IEC 60904-2 (1989), its Amendment 1 (1998) and IEC 60904-6 (1994) and its Amendment 1 (1998). It constitutes a technical revision.

The main technical changes with regard to the previous edition are as follows:

- Added subclause on "Calibration traceability".
- Added subclause on "Construction" to differentiate the various types of reference devices.
- Added guidance on use of a built-in shunt resistor.

- Increased data sheet requirements. In particular added requirement for either a mismatch correction or an estimate of uncertainty due to the mismatch of the reference device.
- Added Clause on “Calibration of working solar reference devices”.

The text of this standard is based on the following documents:

CDV	Report on voting
82/425/CDV	82/465/RVC

Full information on the voting for the approval of this standard can be found in the report on voting indicated in the above table.

This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

The committee has decided that the contents of this publication will remain unchanged until the maintenance result date indicated on the IEC web site under "<http://webstore.iec.ch>" in the data related to the specific publication. At this date, the publication will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

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