

# INTERNATIONAL STANDARD

# NORME INTERNATIONALE



**Photovoltaic devices –  
Part 2: Requirements for photovoltaic reference devices**

**Dispositifs photovoltaïques –  
Partie 2: Exigences applicables aux dispositifs photovoltaïques de référence**



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## PHOTOVOLTAIC DEVICES –

## Part 2: Requirements for photovoltaic reference devices

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IEC 60904-2 has been prepared by IEC technical committee 82: Solar photovoltaic energy systems. It is an International Standard.

This fourth edition cancels and replaces the third edition published in 2015. This edition constitutes a technical revision.

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

- a) added calibration procedures for calibrating PV devices at maximum power by extending the respective Clauses 12 and 13;
- b) revised requirements for mandatory measurement of spectral responsivity, temperature coefficients and linearity, depending on usage and allowing some measurements on equivalent devices;
- c) revised requirements for built-in shunt resistor;
- d) added requirements for traceability of calibration explicitly.

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

Draft	Report on voting
82/2127/FDIS	82/2151/RVD

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

The language used for the development of this International Standard is English.

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