

# INTERNATIONAL STANDARD

## NORME INTERNATIONALE

**Photovoltaic devices – Procedures for temperature and irradiance corrections to measured I-V characteristics**

**Dispositifs photovoltaïques – Procédures pour les corrections en fonction de la température et de l'éclairement à appliquer aux caractéristiques I-V mesurées**



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**PHOTOVOLTAIC DEVICES – PROCEDURES FOR TEMPERATURE AND IRRADIANCE CORRECTIONS TO MEASURED I-V CHARACTERISTICS**

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International Standard IEC 60891 has been prepared by IEC technical committee 82: Solar photovoltaic energy systems.

This second edition cancels and replaces the first edition issued in 1987 and its Amendment 1 (1992) and constitutes a technical revision.

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

- extends edition 1 translation procedure to irradiance change during I-V measurement;
- adds 2 new translation procedures;
- revises procedure for determination of temperature coefficients to include PV modules;
- defines new procedure for determination of internal series resistance;
- defines new procedure for determination of curve correction factor.

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

FDIS	Report on voting
82/581/FDIS	82/588/RVD

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

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