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Photovoltaic devices –

Part 8:

Guidance for the measurement of spectral response
of a photovoltaic (PV) device

Dispositifs photovoltaïques –

*Partie 8: Guide pour le mesurage de la réponse spectrale
d'un dispositif photovoltaïque (PV)*

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Bureau Central de la Commission Electrotechnique Internationale 3, rue de Varembe Genève, Suisse



Commission Electrotechnique Internationale
International Electrotechnical Commission
Международная Электротехническая Комиссия

INTERNATIONAL ELECTROTECHNICAL COMMISSION

PHOTOVOLTAIC DEVICES –

**Part 8: Guidance for the measurement of spectral response
of a photovoltaic (PV) device**

FOREWORD

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International Standard IEC 904-8 has been prepared by IEC technical committee 82: Solar photovoltaic energy systems.

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

DIS	Report on voting
82(CO)14	82(CO)21

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

PHOTOVOLTAIC DEVICES –

Part 8: Guidance for the measurement of spectral response of a photovoltaic (PV) device

1 Scope

This part of IEC 904 gives guidance for the measurement of the relative spectral response of both linear and non-linear photovoltaic devices.

2 Normative references

The following normative documents contain provisions which, through reference in this text, constitute provisions of this part of IEC 904. At the time of publication, the editions indicated were valid. All normative documents are subject to revision, and parties to agreements based on this part of IEC 904 are encouraged to investigate the possibility of applying the most recent editions of the normative documents indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

IEC 904-1: 1987, *Photovoltaic devices – Part 1: Measurement of photovoltaic current-voltage characteristics*

IEC 904-2: 1989, *Photovoltaic devices – Part 2: Requirements for reference solar cells*

IEC 904-3: 1989, *Photovoltaic devices – Part 3: Measurement principles for terrestrial photovoltaic (PV) solar devices with reference spectral irradiance data*