

Number	KIP-061174/02	Replaces	KIP-061174/01
Issued	28-03-2011	Scope	PV Certification
Report number	101001510	Contract number	KIP PV 010
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Product Certificate Photovoltaic (PV) Panels

In compliance to the Kiwa Gastec Guideline DT Ki - 0409 "Solar Products and Components" the products made by :

Manufactured by: Schueco International KG
Karolinenstrasse 1-15 D-33609 Bielefeld

Models: MPE-XXX PS 17 from 220 to 230 with 5W steps
(XXX suffix indicates rated power)*

as listed in this certificate and marked with the below given Kiwa mark for Photovoltaic (PV) Panels, in according to the chapter "Marking" of the Kiwa Gastec guideline, can be considered complying to the Kiwa Gastec Guideline DT Ki - 0409 "Photovoltaic (PV) Panels" based upon the following aspects:


Laboratory Testing of the panels, which are performed by an accredited laboratory in accordance to EN ISO/IEC 17025: 2005 - see annex-, using the following standards:

- IEC 61215:2005
EN 61215:2005
Crystalline silicon terrestrial photovoltaic (PV) modules - Design qualification and type approval
- IEC 61730-2:2004
EN 61730-2:2007
Photovoltaic (PV) module safety qualification - Requirements for testing

Periodic Inspection of the Factory site(s), according to DT Ki - 0409, which includes:

- inspection of the manufacturing quality control and production procedures;
- inspection of the produced panels and confirmation that these are identical to the tested panels;
- periodic verification and cross-check of the manufacturer test facilities of the output power for each production sample.

This certificate is issued in accordance with the Kiwa- regulations for Product Certification. Publication of the certificate is allowed.

Kiwa Gastec,

Ing. R. Karel,
Director Product Certification

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Annex

Extended models*

(Types extended for similarity without need of re-testing according to IEC61215 "Retesting Guideline")

Model name	Cell number	Cell size	Module size	Cell technology	Rated power
MPE 220 PS 17	60	156x156 mm	1639x983	Poly	220 Wp
MPE 225 PS 17	60	156x156 mm	1639x983	Poly	225 Wp
MPE 230 PS 17	60	156x156 mm	1639x983	Poly	230 Wp

Laboratory tests have been performed by Albarubens test laboratory (EA accredited laboratory n° 0951), report Nr. AR 10 TEST 041 10/1059