



CERTIFICATE

Certificate number	16376 Rev.2	Replaces	16376 Rev.1
Issued	03/08/2020	First edition	09/08/2019
Report number	PKC0003283	Expiry date	08/08/2024
Page	1 of 2	Contract number	PKC0003943

Product Certificate Photovoltaic (PV) Panels

License holder:	Peimar S.r.l. Via Creta 72, 25124 Brescia (BS), Italy
Production site(s):	Peimar S.r.l. Via Cavezzo 26, 25045 Castegnato (BS), Italy
Model(s):	SGXXXP; SGXXXM; SMXXXM; SPXXXM (where XXX = rated power. See extended models in the Annex)*

The product as listed in this certificate and marked with the below given Kiwa Cermet Italia mark for Photovoltaic (PV) Panels, can be considered complying to the requirements of Kiwa Cermet Italia Guideline "TD Ki – 0409, Solar Products and Components" based upon the following aspects:

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

- IEC 61215-1:2016
Terrestrial photovoltaic (PV) modules – Design qualification and type approval – Part 1: Test requirements
- IEC 61215-1-1:2016
Terrestrial photovoltaic (PV) modules – Design qualification and type approval – Part 1-1: Special requirements for testing of crystalline silicon photovoltaic (PV) modules
- IEC 61215-2:2016
Terrestrial photovoltaic (PV) modules – Design qualification and type approval – Part 2: Test procedures
- IEC 61730-1:2016
Photovoltaic (PV) module safety qualification – Part 1: Requirements for construction
- IEC 61730-2:2016
Photovoltaic (PV) module safety qualification – Part 2: Requirements for testing

Remarks: To be used in plants at a maximum system voltage (Voc at STC) up to 1500 Vdc (Class II); fire test (IEC 61730-2 / MST 23 – Class C) was performed.

Periodic Inspection of the Factory site(s), according to "TD 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 of the manufacturer test facilities.

This certificate is issued in accordance with the Kiwa Cermet Italia regulations.

Publication of the certificate is allowed.

The validity of this certificate is subject to the positive result of periodic surveillance visits.

The validity of this certificate can be verified on request at the following e-mail address: energy@kiwacermet.it.

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Kiwa Cermet Italia S.p.A.

Società con socio unico, soggetta all'attività di direzione e coordinamento di Kiwa Italia Holding Srl

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Chief Operating Officer
Gianpiero Belcredi





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 Page 2 of 2 Contract number PKC0003943

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Annex Extended models*

Model name	Cells number	Cell size (mm)	Cell technology	Module size (mm)	Rated power (Wp)
SGXXXP	72	156,75x156,75	Poly-Si	1957x992x40	From 320 to 350 in steps of 5
SGXXXP	60	156,75x156,75	Poly-Si	1640x992x40	From 260 to 290 in steps of 5
SGXXXM	72	156,75x156,75	Mono-Si	1957x992x40	From 360 to 370 in steps of 5
SGXXXM	60	156,75x156,75	Mono-Si	1640x992x40	From 300 to 315 in steps of 5
SMXXXM	72	158,75x158,75	Mono-Si	1979x1002x40	From 340 to 405 in steps of 5
SMXXXM	60	158,75x158,75	Mono-Si	1665x1002x40	From 290 to 340 in steps of 5
SPXXXM	60	161,75x161,75	Mono-Si	1690x1021x40	From 300 to 350 in steps of 5

Remarks: XXX = rated power.

Chief Operating Officer
Giampiero Belcredi

Laboratory test reports nr.: L0003283/A rev.00; L0003283/B rev.00; L0003283/C rev.00; L0003283/D rev.00; L0003283/F rev.00; L0003283/G rev.00; L0003283/H rev.00; L0003807/A rev.00; 1068.0CI0262/19; 2.0080271.1.0-01; L0003283/E rev.00; L0004254/A1 rev.00; L0004254/A2 rev.00; L0004254/A4 rev.00; L0004254/B rev.00; L0004254/C rev.00; L0004254/D rev.00; GDP201079.

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