

Certificate number	16743 Rev.7	Replaces	16743 Rev.6
Issued	29/03/2024	First edition	28/01/2021
Report number	PKC0004936	Expiry date	27/01/2026
Page	1 of 5	Contract number	PKC0004986

## Product Certificate Photovoltaic (PV) Panels

**License holder:** **Peimar S.r.l.**  
Via Cefalonia 70, 25124 - Brescia (BS), Italy

**Production site(s):** Peimar Industries S.r.l.  
Via Cavezzo 26, 25045 Castegnato (BS), Italy

**Model(s):** SFXXXM; SGXXXm; SHXXXM; SMXXXm; SBXXXM; SLXXXM;  
SFXXXM (9BB); SIXXXXM; SMXXXM (9BB); SEXXXXM; SAXXXXM  
(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 / EN 61215-1:2016  
Terrestrial photovoltaic (PV) modules – Design qualification and type approval – Part 1: Test requirements
- IEC 61215-1-1:2016 / EN 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 / EN 61215-2:2017  
Terrestrial photovoltaic (PV) modules – Design qualification and type approval – Part 2: Test procedures
- IEC 61730-1:2016 / EN IEC 61730-1:2018  
Photovoltaic (PV) module safety qualification – Part 1: Requirements for construction
- IEC 61730-2:2016 / EN IEC 61730-2:2018  
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](mailto:energy@kiwacermet.it).*

*Any total or partial reproduction of this document in any form, without Kiwa Cermet Italia express authorization, is prohibited.*

**Kiwa Cermet Italia S.p.A.**  
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Industry Division Manager

Maurizio Lorenzon

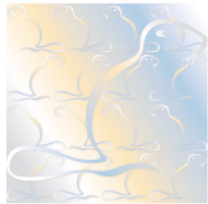


PRD N° 069B

Membro degli Accordi di Mutuo Riconoscimento EA, IAF e ILAC  
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## Product Certificate Photovoltaic (PV) Panels

### Annex Extended models\*

Model name	Cells number	Cell size (mm)	Cell technology	Module size (mm)	Rated power (Wp)
SFXXXM	72	166x166	Mono-Si	2071x1048x30/35/40	From 410 to 430 in steps of 5
SFXXXM	60	166x166	Mono-Si	1730x1048x30/35/40	From 340 to 360 in steps of 5
SGXXXm	72	156.75x156.75	Mono-Si	1956x992x30/35/40	From 345 to 375 in steps of 5
SHXXXM	144	156.75x78.38	Mono-Si	2020x1002x30/35/40; 2010x992x30/35/40	From 370 to 395 in steps of 5
SMXXXm	72	158.75x158.75	Mono-Si	1979x1002x30/35/40; 1979x996x30/35/40	Power range 1: From 350 to 405 in steps of 5 Power range 2: From 365 to 390 in steps of 5
SBXXXM	144	158.75x79.38	Mono-Si	2015x1002x30/35/40; 2008x1002x30/35/40; 2015x996x30/35/40	From 390 to 405 in steps of 5

Remarks: XXX = rated power. Different cell types match different power ranges.

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Model name	Cells number	Cell size (mm)	Cell technology	Module size (mm)	Rated power (Wp)
SLXXXM	144	166x83	Mono-Si	2018x1048x30/35/40; 2102x1040x30/35/40; 2115x1048x30/35/40; 2094x1038x30/35/40; 2120x1052x30/35/40; 2115x1052x30/35/40; 2104x1040x30/35/40; 2096x1040x30/35/40; 2098x1046x30/35/40	From 425 to 470 in steps of 5
SLXXXM	144	166x83	Mono-Si	2018x1048x30/35/40; 2102x1040x30/35/40; 2115x1048x30/35/40; 2094x1038x30/35/40; 2120x1052x30/35/40; 2115x1052x30/35/40; 2104x1040x30/35/40; 2096x1040x30/35/40; 2098x1046x30/35/40	From 425 to 435 in steps of 5
SLXXXM	120	166x83	Mono-Si	1765x1048x30/35/40	From 355 to 385 in steps of 5
SFXXXM (9BB)	72	166x166	Mono-Si	2071x1048x30/35/40	From 415 to 440 in steps of 5
SFXXXM (9BB)	66	166x166	Mono-Si	1900x1048x30/35/40	From 360 to 415 in steps of 5
SFXXXM (9BB)	66	166x166	Mono-Si	1900x1048x30/35/40	From 360 to 410 in steps of 5
SFXXXM (9BB)	60	166x166	Mono-Si	1730x1048x30/35/40	From 340 to 375 in steps of 5

Remarks: XXX = rated power. Different cell types match different power ranges.

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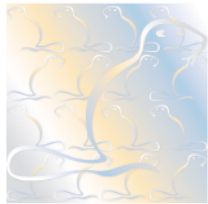
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Industry Division Manager  
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Model name	Cells number	Cell size (mm)	Cell technology	Module size (mm)	Rated power (Wp)
SIXXXM	72	163.75x163.75	Mono-Si	2045x1033x30/35/40; 2071x1048x30/35/40	From 390 to 415 in steps of 5
SMXXM (9BB)	72	158.75x158.75	Mono-Si	1979x1002x30/35/40; 1979x996x30/35/40	From 375 to 400 in steps of 5
SEXXXM	144	182x91	Mono-Si	2274x1134x30/35/40; 2261x1134x30/35/40; 2278x1133x30/35/40; 2256x1133x30/35/40; 2279x1134x30/35/40; 2285x1134x30/35/40; 2284x1134x30/35/40; 2094x1134x30/35/40	From 520 to 550 in steps of 5
SEXXXM	120	182x91	Mono-Si	1909x1134x30/35/40	From 430 to 460 in steps of 5
SEXXXM	108	182x91	Mono-Si	1722x1134x30/35/40	From 385 to 415 in steps of 5

Remarks: XXX = rated power. Different cell types match different power ranges.

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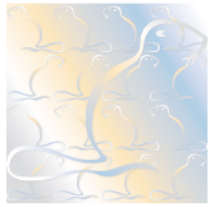
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Model name	Cells number	Cell size (mm)	Cell technology	Module size (mm)	Rated power (Wp)
SAXXXM	72	182x182	Mono-Si	2251x1134x30/35/40; 2279x1134x30/35/40	From 505 to 550 in steps of 5
SAXXXM	66	182x182	Mono-Si	2067x1134x30/35/40; 2094x1134x30/35/40	From 465 to 505 in steps of 5
SAXXXM	60	182x182	Mono-Si	1884x1134x30/35/40; 1909x1134x30/35/40	From 420 to 460 in steps of 5
SAXXXM	54	182x182	Mono-Si	1700x1134x30/35/40; 1722x1134x30/35/40	From 380 to 415 in steps of 5

**Remarks:** XXX = rated power. Different cell types match different power ranges.

Industry Division Manager

Maurizio Lorenzon

Laboratory test reports nr.: 704061821009-00 part 1 of 2; 704061821009-00 part 2 of 2; 704061821009 Rev.01; 704061821009-02 part 1 of 2; 704061821009-02 part 2 of 2; 704061821009-03 part 1 of 2; 704061821009-03 part 2 of 2; 704061821009-04 part 1 of 2; 704061821009-04 part 2 of 2; 704061821009-05 A1 part 1 of 2; 704061821009-05 A1 part 2 of 2; 704061821009-05 part 1 of 2; 704061821009-06 part 1 of 1; 704061821009-07 part 1 of 2; 704061821009-07 part 2 of 2; 704061821009-08 part 1 of 2; 704061821009-08 part 2 of 2; GDP221252; GDP231137; GDP231193; 6150726.50.001; GDP230822; GDP241067.

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