



# CERTIFICATE

Certificate number	17199 Rev.1	Replaces	17199 Rev.0
Issued	06/02/2023	First edition	28/11/2022
Report number	PKC0011910	Expiry date	20/11/2027
Page	1 of 4	Contract number	PKC0012048

## Product Certificate Photovoltaic (PV) Panels

**License holder:** GMT Solar S.r.l.  
Via del Lavoro 5/A, 12062 Cherasco (CN) – Italy

**Brand name:** OMNIA SOLAR

**Production site ref. nr.:** PKC0012048

**Model(s):** GxxxM10-72HSW; GxxxM10-72HBW; GxxxM10-72HBB;  
GxxxM10-66HSW; GxxxM10-66HBW; GxxxM10-66HBB;  
GxxxM10-54HSW; GxxxM10-54HBW; GxxxM10-54HBB;  
GxxxM10S-72HSW; GxxxM10S-72HBW; GxxxM10S-72HBB;  
GxxxM10S-66HSW; GxxxM10S-66HBW; GxxxM10S-66HBB;  
GxxxM10S-54HSW; GxxxM10S-54HBW; GxxxM10S-54HBB;  
GxxxM10-78HSW; GxxxM10-78HBW; GxxxM10-78HBB;  
GxxxM6-72HSW; GxxxM6-72HBW; GxxxM6-72HBB  
(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 1000 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.*

President  
Giampiero Belcredi



PRD N° 069B

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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)
GxxxM10-72HSW	144	182x91	Mono-Si	2279x1134x35 2285x1134x35	From 535 to 555 in steps of 5
GxxxM10-72HBW	144	182x91	Mono-Si	2279x1134x35 2285x1134x35	From 535 to 555 in steps of 5
GxxxM10-72HBB	144	182x91	Mono-Si	2279x1134x35 2285x1134x35	From 535 to 555 in steps of 5
GxxxM10-66HSW	132	182x91	Mono-Si	2094x1134x35	From 480 to 505 in steps of 5
GxxxM10-66HBW	132	182x91	Mono-Si	2094x1134x35	From 480 to 505 in steps of 5
GxxxM10-66HBB	132	182x91	Mono-Si	2094x1134x35	From 480 to 505 in steps of 5
GxxxM10-54HSW	108	182x91	Mono-Si	1723x1134x35/40 1722x1134x30/35/40 1708x1134x30/35/40	From 380 to 415 in steps of 5
GxxxM10-54HBW	108	182x91	Mono-Si	1723x1134x35/40 1722x1134x30/35/40 1708x1134x30/35/40	From 380 to 415 in steps of 5
GxxxM10-54HBB	108	182x91	Mono-Si	1723x1134x35/40 1722x1134x30/35/40 1708x1134x30/35/40	From 380 to 415 in steps of 5

Remarks: XXX = rated power.

President  
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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)
GxxxM10S-72HSW	144	182x91	Mono-Si	2279x1134x35 2285x1134x35	From 535 to 555 in steps of 5
GxxxM10S-72HBW	144	182x91	Mono-Si	2279x1134x35 2285x1134x35	From 535 to 555 in steps of 5
GxxxM10S-72HBB	144	182x91	Mono-Si	2279x1134x35 2285x1134x35	From 535 to 555 in steps of 5
GxxxM10S-66HSW	132	182x91	Mono-Si	2094x1134x35	From 480 to 505 in steps of 5
GxxxM10S-66HBW	132	182x91	Mono-Si	2094x1134x35	From 480 to 505 in steps of 5
GxxxM10S-66HBB	132	182x91	Mono-Si	2094x1134x35	From 480 to 505 in steps of 5
GxxxM10S-54HSW	108	182x91	Mono-Si	1723x1134x35/40 1722x1134x30/35/40 1708x1134x30/35/40	From 380 to 415 in steps of 5
GxxxM10S-54HBW	108	182x91	Mono-Si	1723x1134x35/40 1722x1134x30/35/40 1708x1134x30/35/40	From 380 to 415 in steps of 5
GxxxM10S-54HBB	108	182x91	Mono-Si	1723x1134x35/40 1722x1134x30/35/40 1708x1134x30/35/40	From 380 to 415 in steps of 5

Remarks: XXX = rated power.

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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)
GxxxM10-78HSW	156	182x91	Mono-Si	2465x1134x35	From 570 to 600 in steps of 5
GxxxM10-78HBW	156	182x91	Mono-Si	2465x1134x35	From 570 to 600 in steps of 5
GxxxM10-78HBB	156	182x91	Mono-Si	2465x1134x35	From 570 to 600 in steps of 5
GxxxM6-72HSW	144	166x83	Mono-Si	2115x1052x40 2094x1038x40 2104x1040x40	From 415 to 465 in steps of 5
GxxxM6-72HBW	144	166x83	Mono-Si	2115x1052x40 2094x1038x40 2104x1040x40	From 415 to 465 in steps of 5
GxxxM6-72HBB	144	166x83	Mono-Si	2115x1052x40 2094x1038x40 2104x1040x40	From 415 to 465 in steps of 5

Remarks: XXX = rated power.

President  
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Laboratory test reports nr.: 704061707705-10 part 1 of 2; 704061707705-10 part 2 of 2; 704061707705-12 part 3 of 4; 704061707705-12 part 4 of 4; 704061707705-16A1 part 1 of 4; 704061707705-16A1 part 2 of 4; 704061707705-19A1 part 1 of 2; 704061707705-19A1 part 2 of 2; 704061707705-20 part 1 of 2; 704061707705-20 part 2 of 2.

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