



Certificate number	16576 Rev.2	Replaces	16576 Rev.1
Issued	19/01/2021	First edition	05/05/2020
Report number	PKC0003921	Expiry date	04/05/2025
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Product Certificate Photovoltaic (PV) Panels

License holder:	3S Solar Plus AG Schorenstrasse 39, CH-3645 Gwatt (Thun), Switzerland
Production site(s):	3S Solar Plus AG Schorenstrasse 39, CH-3645 Gwatt (Thun), Switzerland
Model(s):	MegaSlate® II Black L190; MegaSlate® II Black Q150; MegaSlate® II Black M140; MegaSlate® II Black S110; MegaSlate® II Black 6DL 195; MegaSlate® II Black 6DQ 155; MegaSlate® II Black 6DM 145; MegaSlate® II Black 6DS 115; MegaSlate® II 7S15 6DL 175

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 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

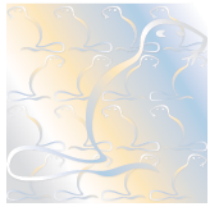
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Chief Operating Officer
Giampiero Belcredi



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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Annex

Model name	Cells number	Cell size (mm)	Cell technology	Module size (mm)	Rated power (Wp)
MegaSlate® II Black L190	40	156,75x156,75	Mono-Si	1300x875x6,5	190
MegaSlate® II Black Q150	32	156,75x156,75	Mono-Si	1300x720x6,5	150
MegaSlate® II Black M140	30	156,75x156,75	Mono-Si	985x875x6,5	140
MegaSlate® II Black S110	24	156,75x156,75	Mono-Si	985x720x6,5	110
MegaSlate® II Black 6DL 195	40	156,75x156,75	Mono-Si	1300x875x6,5	195
MegaSlate® II Black 6DQ 155	32	156,75x156,75	Mono-Si	1300x720x6,5	155
MegaSlate® II Black 6DM 145	30	156,75x156,75	Mono-Si	985x875x6,5	145
MegaSlate® II Black 6DS 115	24	156,75x156,75	Mono-Si	985x720x6,5	115
MegaSlate® II 7S15 6DL 175	40	156,75x156,75	Mono-Si	1300x875x6,5	175

Remarks: MegaSlate® II Black L190, MegaSlate® II Black Q150, MegaSlate® II Black M140, MegaSlate® II Black S110 = PV modules with 4 bus bars solar cells. MegaSlate® II Black 6DL 195, MegaSlate® II Black 6DQ 155, MegaSlate® II Black 6DM 145, MegaSlate® II Black 6DS 115, MegaSlate® II 7S15 6DL 175 = PV modules with 5 bus bars solar cells. For model MegaSlate® II 7S15 6DL 175, frontsheet = digital ceramic printed glass.

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Laboratory test reports nr.: 2300.0CI0262/19; L0003921/A rev.00; L0003921/B1 rev.00; L0003921/B2 rev.00; L0003921/B3 rev.00; L0004358/A rev.00; L0004054/E rev.00; L0004054/F rev.00; L0004054/G rev.00; L0004054/H rev.00; L0004750/A rev.00; L0004750/A1 rev.00; L0004750/A2 rev.00; L0004750/A3 rev.00; L0004750/B rev.00.

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