

Certificate number	16576 Rev.0	Replaces	-
Issued	05/05/2020	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

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
Giampero Belcredi



Kiwa Cermet Italia S.p.A.
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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

Chief Operating Officer
 Giampiero Belcredi



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.

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