

Certificate number	7670 Rev.2	Replaces	7670 Rev.1
Issued	06/06/2025	First edition	30/08/2024
Report number	PKC0012335	Expiry date	29/08/2029
Page	1 of 2	Contract number	PKC0013171

Product Certificate Photovoltaic (PV) Panels

License holder: **3S Swiss Solar Solutions AG**
Schorenstrasse 39, CH-3645 Gwatt (Thun), Switzerland

Production site(s): 3S Swiss Solar Solutions AG
- Schorenstrasse 39, CH-3645 Gwatt (Thun), Switzerland;
- Rütimoosstrasse 5 CH-3076 Worb, Switzerland

Model(s): TeraSlate Black 8DL-225; TeraSlate Black 8DQ-165; TeraSlate Black 8DM-145;
TeraSlate Black 8DS-110; TeraSlate Black 9FL-225; TeraSlate Black 9FQ-165;
TeraSlate Black 9FM-145; TeraSlate Black 9FM-150; TeraSlate Black 9FS-110;
TeraSlate Black 9FL-225.ST; TeraSlate Black 9FQ-165.ST; TeraSlate Black 9FM-150.ST;
TeraSlate Black 9FS-110.ST
(see 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 61215-1:2021 / EN IEC 61215-1:2021
Terrestrial photovoltaic (PV) modules – Design qualification and type approval – Part 1: Test requirements
- IEC 61215-1-1:2021 / EN IEC 61215-1-1:2021
Terrestrial photovoltaic (PV) modules – Design qualification and type approval – Part 1-1: Special requirements for testing of crystalline silicon photovoltaic (PV) modules
- IEC 61215-2:2021 / EN IEC 61215-2:2021
Terrestrial photovoltaic (PV) modules – Design qualification and type approval – Part 2: Test procedures
- EN IEC 61730-1:2018
Photovoltaic (PV) module safety qualification – Part 1: Requirements for construction
- 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) was not 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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Industry Division Manager
Maurizio Lorenzon



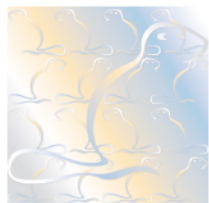
PRD N° 0069PRD

Membro degli Accordi di Mutuo Riconoscimento EA, IAF e ILAC
Signatory of EA, IAF and ILAC Mutual Recognition Agreements



Kiwa Cermet Italia S.p.A.
Società con socio unico, soggetta
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Annex*

Model name	Cells number	Cell size (mm)	Cell technology	Module size (mm)	Rated power (Wp)
TeraSlate Black 8DL-225	48	210x105	Mono-Si PERC	1300x935x7.5	225
TeraSlate Black 8DQ-165	36	210x105	Mono-Si PERC	1300x720x7.5	165
TeraSlate Black 8DM-145	32	210x105	Mono-Si PERC	875x935x7.5	145
TeraSlate Black 8DS-110	24	210x105	Mono-Si PERC	875x720x7.5	110
TeraSlate Black 9FL-225	48	210x105	Mono-Si PERC	1300x935x9	225
TeraSlate Black 9FQ-165	36	210x105	Mono-Si PERC	1300x720x9	165
TeraSlate Black 9FM-145	32	210x105	Mono-Si PERC	875x935x9	145
TeraSlate Black 9FM-150	32	210x105	Mono-Si PERC	875x935x9	150
TeraSlate Black 9FS-110	24	210x105	Mono-Si PERC	875x720x9	110
TeraSlate Black 9FL-225.ST	48	210x105	Mono-Si PERC	1300x935x9	225
TeraSlate Black 9FQ-165.ST	36	210x105	Mono-Si PERC	1300x720x9	165
TeraSlate Black 9FM-150.ST	32	210x105	Mono-Si PERC	875x935x9	150
TeraSlate Black 9FS-110.ST	24	210x105	Mono-Si PERC	875x720x9	110

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Laboratory test reports nr.: L0012335/A rev.01; L0012335/C rev.01; L0012335/D rev.01; L0012335/E rev.01; L0012335/F rev.01; L0012335/G rev.01; L0012807/A rev.01; 2235.0CI0265/23; L0013146 rev.00; L0013281/B rev.01; L0013287/B1 rev.00; L0013287/B2 rev.00; L0013287/B3 rev.00; L0013351/B rev.00; G2024457La_V2.

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