

CERTIFICATE

Certificate number	17473 Rev.0	Replaces	-
Issued	29/11/2023	First edition	29/11/2023
Report number	PKC0012753	Expiry date	19/11/2028
Page	1 of 2	Contract number	PKC0012892

Product Certificate Photovoltaic (PV) Panels

License holder:	I2T SA Via Balestra 15A, 6900 Lugano - Switzerland
Production site(s):	PKC0012892
Model(s):	I2T-39, I2T-36, I2T-33, I2T-30, I2T-27, I2T-33, I2T-30, I2T-28, I2T-25 (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.

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Kiwa Cermet Italia S.p.A.
Società con socio unico, soggetta all'attività di direzione e coordinamento di Kiwa Italia Holding Srl

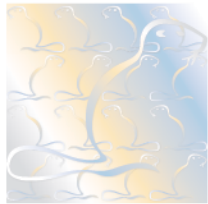
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President
Giampiero Belcredi



PRD N° 069B

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



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Annex Extended models*

Model name	Cells number	Cell size (mm)	Cell technology	Module size (mm)	Rated power (Wp)
I2T-39	156	182x91	Mono-Si, n-type, TOPCon, Bifacial	2465x1134x30	From 590 to 625 in steps of 5
I2T-36	144	182x91	Mono-Si, n-type, TOPCon, Bifacial	2278x1134x30	From 550 to 575 in steps of 5
I2T-33	132	182x91	Mono-Si, n-type, TOPCon, Bifacial	2094x1134x30	From 500 to 525 in steps of 5
I2T-30	120	182x91	Mono-Si, n-type, TOPCon, Bifacial	1903x1134x30	From 460 to 480 in steps of 5
I2T-27	108	182x91	Mono-Si, n-type, TOPCon, Bifacial	1722x1134x30	From 410 to 430 in steps of 5
I2T-33	132	210x105	Mono-Si, n-type, TOPCon, Bifacial	2384x1303x30	From 670 to 705 in steps of 5
I2T-30	120	210x105	Mono-Si, n-type, TOPCon, Bifacial	2172x1303x30	From 610 to 640 in steps of 5
I2T-28	110	210x105	Mono-Si, n-type, TOPCon, Bifacial	2384x1096x30	From 560 to 585 in steps of 5
I2T-25	100	210x105	Mono-Si, n-type, TOPCon, Bifacial	2176x1096x30	From 510 to 535 in steps of 5

Remarks: rated power from the front side only.

President
Giampiero Belcredi

Laboratory test reports nr.: 492012267.001

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