

Number	15501 Rev.0	Replaces	KIP-058123/05
Issued	28/02/2018	First edition	28/09/2010
Report number	100500663	Expiry date	27/02/2023
Page	1 of 2	Contract number	PKC0002200

Product Certificate Photovoltaic (PV) Panels

The products:

License holder:	FIL-TEC S.r.l. Viale Industria, 55 – 24040 Bottanuco (BG), Italy
Production site:	FIL-TEC S.r.l. Via Domea, 79 – 22063 Cantù (CO), Italy
Models:	EGBxxHE; EGMxxST; EGPxxST; LGMxxST (and extended models, where “xx” suffix indicates the number of solar cells)*

as listed in this certificate and marked with the below given Kiwa Cermet Italia mark for Photovoltaic (PV) Panels, can be considered complying to 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 EN ISO/IEC 17025: 2005 – see annex-, using the following standards:

- IEC 61215:2005 / EN 61215:2005
Crystalline silicon terrestrial photovoltaic (PV) modules – Design qualification and type approval
- IEC 61730-2:2012 / EN 61730-2/A1:2012
Photovoltaic (PV) module safety qualification – Requirements for testing
Remarks: To be used in plants at a maximum system voltage (Voc at STC) up to 1000 Vdc (application Class A); 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.

Chief Operating Officer
Giampiero Belcredi



Member of the IECCE CB-Scheme

Kiwa Cermet Italia S.p.A.

Società con socio unico, soggetta all'attività di direzione e coordinamento di Kiwa Italia Holding Srl

Via Cadriano, 23
40057 Granarolo dell'Emilia (BO)

Unità secondaria

Via Treviso 32/34
31020 San Vendemiano (TV)

Tel +39. 0438 411755

Fax +39.0438 22428

E-mail: info@kiwacermet.it

www.kiwa.it

www.kiwacermet.it



SGQ N° 007A
SGA N° 010D
PRD N° 069B
FSM N° 004I
PRS N° 089C



Number	15501 Rev.0	Replaces	KIP-058123/05
Issued	28/02/2018	First edition	28/09/2010
Report number	100500663	Expiry date	27/02/2023
Page	2 of 2	Contract number	PKC0002200

Product Certificate Photovoltaic (PV) Panels

Annex

Extended models*

- Superstrate Glass: refer to the CDF nr. CDF-100500663 rev.02
- Substrate Glass: refer to the CDF nr. CDF-100500663 rev.02
- Substrate Tedlar: refer to the CDF nr. CDF-100500663 rev.02
- Maximum module size: length 5400 mm, width 2400 mm
- Maximum peak Power: 2500 Wp (multiple subassemblies)
- Maximum system Voltage: 1000 V
- Encapsulation material type: refer to the CDF nr. CDF-100500663 rev.02
- Maximum number of cells per module: 800 (depending on the dimensions of the autoclave mentioned above)
- Maximum number of cells per bypass diode: 24
- Cells type: refer to the CDF nr. CDF-100500663 rev.02
- Junction box type: refer to the CDF nr. CDF-100500663 rev.02
- By-pass diode type: refer to the CDF nr. CDF-100500663 rev.02
- Cables and connectors type: refer to the CDF nr. CDF-100500663 rev.02
- Glass sizes and glass thicknesses may be varied, subject to meeting the glazing and building national standards, with a consideration to the imposed static and live loads

Chief Operating Officer
Giampiero Belcredi

Laboratory test reports nr.: PVM01 CdO 08C307004, PVS01 CdO 08C307004, AR 10 TEST 019, AR 10 TEST 020, AR 10 TEST 021, AR 10 TEST 022; L0001365/B rev.00.

Additional information:

The models listed in the certificate are considered BiPV (Building Integrated Photovoltaic Module).

For the sizes, output power, number of cells and combination of the different components in the samples has been followed the following guide line: MCS 017 - Product Certification Scheme Requirements: Bespoke Building Integrated Photovoltaic Products, issue 1.1 (BiPV standard for the UK Market), due to the lack of a specific standard for BiPV products from the IEC.

Kiwa Cermet Italia S.p.A.

Società con socio unico, soggetta all'attività di direzione e coordinamento di Kiwa Italia Holding Srl

Via Cadriano, 23

40057 Granarolo dell'Emilia (BO)

Unità secondaria

Via Treviso 32/34

31020 San Vendemiano (TV)

Tel +39. 0438 411755

Fax +39.0438 22428

E-mail: info@kiwacermet.it

www.kiwa.it

www.kiwacermet.it



SGQ N° 007A
SGA N° 010D
PRD N° 069B
FSM N° 004I
PRS N° 089C

CERTIFICATE