



ATTESTATION

Number	15502 Rev.0	Replaces	KIP-066444/02B
Issued	28/02/2018	First edition	10/01/2012
Report number	100500663	Expiry date	21/01/2019
Page	1 of 2	Contract number	PKC0002200

Factory Inspection Attestation 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
Production site ref. nr.:	KIP PV 071 001
Models:	EGBxxHE; EGMxxST; EGPxxST; LGMxxST (and extended models, where "xx" suffix indicates the number of solar cells)*

During the periodic inspection of the production site(s), the production steps are checked, verifying that the technical characteristics of the products, listed above, comply with the type approval certification according to the standards IEC (EN) 61215:2005 and IEC (EN) 61730-2:2012. The details of the Factory Production Control are documented in the audit report nr. PKC0002200 – 22/11/2017 dated on 22/11/2017 and 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.

The products are fully produced in the EU territory and therefore are in compliance with the requirements for the 'Made in EU' of the Italian law 'V Conto Energia per il Fotovoltaico' – D.M. 5 Luglio 2012 and application rules: GSE August 2012 paragraph 4.4.

Production steps:	Complete production: string, assembling, lamination and electrical test
Non-conventionality of the product:	Glass-Glass Photovoltaic Modules with non-homogeneous transparency (standard cells)
Production capacity:	Maximum 3 MW/year
Module serial number sequence:	Module serial number below the bar code: EGXXCCYYYYMMCAZZNNNN EG: Manufacturer Identification XX: number of cells CC: cells type YYYY: year of production MM: month of production CA: Site identification number KIP PV 071 001 ZZ: alphanumeric MMMM: unique production serial number from 0001 to 9999

Publication of the attestation is allowed.

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

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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

Additional Information:

Product Certificate nr.: 15501 Rev.0.

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.

Il presente attestato è valido ai fini del riconoscimento del premio per gli impianti che utilizzano componenti principali realizzati in Paesi UE/SEE come previsto dal decreto DM 5 luglio 2012 (Quinto Conto Energia). La capacità produttiva indicata viene conteggiata sulla base della massima capacità produttiva teorica annuale dello stabilimento al momento dell'ispezione annuale. Il presente documento non garantisce in alcun modo la completa provenienza europea di tutta la produzione annuale teorica indicata, ma attesta unicamente che alla data dell'ispezione di fabbrica tutti i processi produttivi, la lista materiali utilizzata e l'applicazione del numero seriale sono stati verificati conformemente alle previsioni del decreto DM 5 luglio 2012 (Quinto Conto Energia).

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