

Attestation number	15410 Rev.5	Replaces	15410 Rev.4
Issued	03/12/2021	First edition	13/10/2016
Report number	PKC0001334	Expiry date	04/12/2022
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Factory Inspection Attestation Photovoltaic (PV) Panels

License holder:	Eclipse Italia S.r.l. Corso Venezia, 3 – 20121 Milano (MI), Italy
Production site(s):	Eclipse Italia S.r.l. Località Merlaro – 25078 Nozza di Vestone (BS), Italy
Production site ref. nr.:	KIP PV 620 001
Model(s):	SOL XXX P; SOL XXX P F; SOL XXX M; SOL XXX M F; SOL XXX H (see extended models in the Annex)*

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 61215:2005, IEC 61730-1:2013 and IEC 61730-2:2012. The details of the Factory Production Control are documented in the audit report nr. KIP PV 620 – 05/10/2021 dated on 05/10/2021 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
Production capacity:	Maximum 200 MW/year
Module serial number sequence:	Module serial number below the bar code: POYYYYYZXXXX PO: production site, code "PO" (KIP PV 620 001) W: production series (from A to Z) YYYY: year of production Z: production batch (from A to Z) XXXX: progressive unique production serial number from 0001 to 9999

Publication of the attestation is allowed.

The validity of this attestation can be verified on request at the following e-mail address: energy@kiwacermet.it.

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Chief Operating Officer
Giampiero Belcredi



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Annex Extended models*

Model name	Cells number	Cell size (mm)	Cell technology	Module size (mm)	Rated power (Wp)
SOL XXX P	72	156x156 156.75x156.75	Poly-Si	1956x992	From 270 to 330 with 5 steps
SOL XXX P	66	156x156 156.75x156.75	Poly-Si	1799x992	From 250 to 300 with 5 steps
SOL XXX P	60	156x156 156.75x156.75	Poly-Si	1956x992 1640x992	From 210 to 285 with 5 steps
SOL XXX P	54	156x156 156.75x156.75	Poly-Si	1640x992 1485x992	From 205 to 255 with 5 steps
SOL XXX P	50	156x156 156.75x156.75	Poly-Si	1640x836	From 180 to 235 with 5 steps
SOL XXX P	48	156x156 156.75x156.75	Poly-Si	1640x992 1330x992	From 170 to 225 with 5 steps
SOL XXX P	36	156x156 156.75x156.75	Poly-Si	992x992	From 135 to 170 with 5 steps
SOL XXX P	20	156x156 156.75x156.75	Poly-Si	1640x400	From 75 to 95 with 5 steps
SOL XXX P	10	156x156 156.75x156.75	Poly-Si	1640x200	From 35 to 45 with 5 steps
SOL XXX M	72	156x156 156.75x156.75	Mono-Si	1956x992	From 310 to 370 with 5 steps
SOL XXX M	66	156x156 156.75x156.75	Mono-Si	1799x992	From 285 to 340 with 5 steps
SOL XXX M	60	156x156 156.75x156.75	Mono-Si	1956x992 1640x992	From 225 to 310 with 5 steps
SOL XXX M	54	156x156 156.75x156.75	Mono-Si	1640x992 1485x992	From 230 to 280 with 5 steps
SOL XXX M	50	156x156 156.75x156.75	Mono-Si	1640x836	From 185 to 260 with 5 steps
SOL XXX M	48	156x156 156.75x156.75	Mono-Si	1640x992 1330x992	From 180 to 245 with 5 steps
SOL XXX M	36	156x156 156.75x156.75	Mono-Si	992x992	From 150 to 185 with 5 steps
SOL XXX M	20	156x156 156.75x156.75	Mono-Si	1640x400	From 75 to 100 with 5 steps
SOL XXX M	10	156x156 156.75x156.75	Mono-Si	1640x200	From 40 to 50 with 5 steps

Remarks: XXX = rated power. Models SOL XXX P F and SOL XXX M F = frameless modules. Frame thickness = 35 mm, 40 mm, 43 mm or 45 mm.

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Kiwa Cermet Italia S.p.A.

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Annex Extended models*

Model name	Cells number	Cell size (mm)	Cell technology	Module size (mm)	Rated power (Wp)
SOL XXX P F	72	156x156 156.75x156.75	Poly-Si	1950x986	From 270 to 330 with 5 steps
SOL XXX P F	66	156x156 156.75x156.75	Poly-Si	1793x986	From 250 to 300 with 5 steps
SOL XXX P F	60	156x156 156.75x156.75	Poly-Si	1950x986 1634x986	From 210 to 285 with 5 steps
SOL XXX P F	54	156x156 156.75x156.75	Poly-Si	1634x986 1479x986	From 205 to 255 with 5 steps
SOL XXX P F	50	156x156 156.75x156.75	Poly-Si	1634x830	From 180 to 235 with 5 steps
SOL XXX P F	48	156x156 156.75x156.75	Poly-Si	1634x986 1324x986	From 170 to 225 with 5 steps
SOL XXX P F	36	156x156 156.75x156.75	Poly-Si	986x986	From 135 to 170 with 5 steps
SOL XXX P F	20	156x156 156.75x156.75	Poly-Si	1634x396	From 75 to 95 with 5 steps
SOL XXX P F	10	156x156 156.75x156.75	Poly-Si	1634x194	From 35 to 45 with 5 steps
SOL XXX M F	72	156x156 156.75x156.75	Mono-Si	1950x986	From 310 to 370 with 5 steps
SOL XXX M F	66	156x156 156.75x156.75	Mono-Si	1793x986	From 285 to 340 with 5 steps
SOL XXX M F	60	156x156 156.75x156.75	Mono-Si	1950x986 1634x986	From 225 to 310 with 5 steps
SOL XXX M F	54	156x156 156.75x156.75	Mono-Si	1634x986 1479x986	From 230 to 280 with 5 steps
SOL XXX M F	50	156x156 156.75x156.75	Mono-Si	1634x830	From 185 to 260 with 5 steps
SOL XXX M F	48	156x156 156.75x156.75	Mono-Si	1634x986 1324x986	From 180 to 245 with 5 steps
SOL XXX M F	36	156x156 156.75x156.75	Mono-Si	986x986	From 150 to 185 with 5 steps
SOL XXX M F	20	156x156 156.75x156.75	Mono-Si	1634x396	From 75 to 100 with 5 steps
SOL XXX M F	10	156x156 156.75x156.75	Mono-Si	1634x194	From 40 to 50 with 5 steps

Remarks: XXX = rated power. Models SOL XXX P F and SOL XXX M F = frameless modules. Frame thickness = 35 mm, 40 mm, 43 mm or 45 mm.

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Annex Extended models*

Model name	Cells number	Cell size (mm)	Cell technology	Module size (mm)	Rated power (Wp)
SOL XXX H	72	125x125	Mono-Si	1580x808	From 165 to 200 with 5 steps
SOL XXX H	48	125x125	Mono-Si	1008x540	From 110 to 135 with 5 steps
SOL XXX H	36	125x125	Mono-Si	754x404	From 85 to 100 with 5 steps
SOL XXX H	24	125x125	Mono-Si	504x270	From 55 to 65 with 5 steps
SOL XXX H	12	125x125	Mono-Si	252x135	From 25 to 35 with 5 steps

Remarks: XXX = rated power. Models SOL XXX P F and SOL XXX M F = frameless modules. Frame thickness = 35 mm, 40 mm, 43 mm or 45 mm.

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Additional Information:

Certificate of Conformity IEC 61215 / IEC 61730 nr.: 15411 Rev.2.

Laboratory test reports nr.: PVQ01 17113-100115; PS201 17113-100115; PVQ02 17113-100115; PS202 17113-100115; PVQ02 17113-100572; PS202 17113-100572; PVQ01 17113-100572; PS201 17113-100572; PVQ01 17113-100474; PS201 17113-100474; PVQ01 17113-110197; PS201 17113-110197; PVQ01 17113-110202; PS201 17113-110202; PVQ01 17113-110203; PS101 17113-110203; PS201 17113-110203; PVQ01 17113-110463; PS201 17113-110463; PVQ01 17113-110482; PS201 17113-110482; PVQ01 17113-120018; PS101 17113-120018; PS201 17113-120018; AR13 TEST 099; L0001416 rev.00; L0001334 rev.00; L0001539 rev.00; L0001694/A rev.01; L0001764 rev.2 - CB01; L0001764 rev.2 - CB02; L0001764 rev.2 - CB03; 1308.0CI0262/17; L0003221/A rev.00; L0003221/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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