



# ATTESTATION

Attestation number	15444 Rev.2	Replaces	15444 Rev.1
Issued	22/02/2019	First edition	19/01/2017
Report number	PKC0001666	Expiry date	13/04/2020
Page	1 of 3	Contract number	KIP PV 2011

## Factory Inspection Attestation Photovoltaic (PV) Panels

<b>License holder:</b>	<b>Waris S.r.l.</b> Via I° Maggio 1 - 38089 STORO (TN) Italy
<b>Production site(s):</b>	Waris S.r.l. Via I° Maggio 1 - 38089 STORO (TN) Italy
<b>Production site ref. nr.:</b>	KIP PV 2011 001
<b>Model(s):</b>	WRSXXX-STYYF; WRSXXX-STYYFL; WRSXXX-MOYYF; WRSXXX-MOYYFL (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 2011 – 14/02/2019 dated on 14/02/2019 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.

<b>Production steps:</b>	Complete production: string, assembling, lamination and electrical test
<b>Production capacity:</b>	Maximum 15 MW/year
<b>Module serial number sequence:</b>	Module serial number below the bar code: SYMMZXXXXXXXX S: production site, code "S" (KIP PV 2011 001) YY: year of production MM: month of production Z: P (Poly-Si modules) or M (Mono-Si PV modules) XXXXXXXX: progressive unique production serial number from 00000001 to 99999999.

*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](mailto:energy@kiwacermet.it).*

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Chief Operating Officer  
Giampiero Belcredi

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## Factory Inspection Attestation Photovoltaic (PV) Panels

### Annex Extended models\*

(Extended models according to IEC61215 "Retesting Guideline")

Model name	Cells number	Cell size (mm)	Cell technology	Rated power (Wp)
WRSXXX-ST72F	72	156x156	Poly-Si	From 270 to 360 with 5 steps
WRSXXX-ST66F	66	156x156	Poly-Si	From 250 to 330 with 5 steps
WRSXXX-ST60F; WRSXXX-ST60FL	60	156x156	Poly-Si	From 225 to 300 with 5 steps
WRSXXX-ST54F; WRSXXX-ST54FL	54	156x156	Poly-Si	From 205 to 270 with 5 steps
WRSXXX-ST50F; WRSXXX-ST50FL	50	156x156	Poly-Si	From 190 to 250 with 5 steps
WRSXXX-ST48F; WRSXXX-ST48FL	48	156x156	Poly-Si	From 180 to 240 with 5 steps
WRSXXX-ST42F; WRSXXX-ST42FL	42	156x156	Poly-Si	From 160 to 210 with 5 steps
WRSXXX-ST36F; WRSXXX-ST36FL	36	156x156	Poly-Si	From 135 to 180 with 5 steps
WRSXXX-ST30F; WRSXXX-ST30FL	30	156x156	Poly-Si	From 120 to 150 with 5 steps
WRSXXX-ST24F; WRSXXX-ST24FL	24	156x156	Poly-Si	From 90 to 120 with 5 steps

Remarks: XXX suffix = rated power; suffix "F" = framed module; suffix "FL" = frameless or with Solrif Mounting System (modules only up to 60 solar cells).

Chief Operating Officer  
Giampiero Belcredi





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### Annex Extended models\*

(Extended models according to IEC61215 "Retesting Guideline")

Model name	Cells number	Cell size (mm)	Cell technology	Rated power (Wp)
WRSXXX-MO72F	72	156x156	Mono-Si	From 280 to 395 with 5 steps
WRSXXX-MO66F	66	156x156	Mono-Si	From 255 to 360 with 5 steps
WRSXXX-MO60F; WRSXXX-MO60FL	60	156x156	Mono-Si	From 235 to 330 with 5 steps
WRSXXX-MO54F; WRSXXX-MO54FL	54	156x156	Mono-Si	From 210 to 295 with 5 steps
WRSXXX-MO50F; WRSXXX-MO50FL	50	156x156	Mono-Si	From 195 to 275 with 5 steps
WRSXXX-MO48F; WRSXXX-MO48FL	48	156x156	Mono-Si	From 185 to 260 with 5 steps
WRSXXX-MO42F; WRSXXX-MO42FL	42	156x156	Mono-Si	From 165 to 230 with 5 steps
WRSXXX-MO36F; WRSXXX-MO36FL	36	156x156	Mono-Si	From 140 to 195 with 5 steps
WRSXXX-MO30F; WRSXXX-MO30FL	30	156x156	Mono-Si	From 120 to 165 with 5 steps
WRSXXX-MO24F; WRSXXX-MO24FL	24	156x156	Mono-Si	From 95 to 130 with 5 steps

Remarks: XXX suffix = rated power; suffix "F" = framed module; suffix "FL" = frameless or with Solrif Mounting System (modules only up to 60 solar cells).

Chief Operating Officer  
Gianpiero Belcredi

#### Additional Information:

Product Certificate nr.: 15443 Rev.3.

Laboratory test reports nr.: PS101 19959-110240; PS201 19959-110240; PVQ01 19959-110240; PVQ01 19959-110523; PS201 19959-110523; PS101 19959-120384; PS201 19959-120384; PVQ01 19959-120384; PS102 19959-120386 rev.01; PS202 19959-120386 rev.01; PVQ02 19959-120386 rev.01; PS101 19959-150292; PS201 19959-150292; PVQ01 19959-150292; PS201 19959-120387; PVQ01 19959-120387; L0001723/A rev.00; L0001723/B rev.00; L0001909/J rev.00; L0001723/A1 rev.00; L0001967 rev.00; L0001909/G rev.00; L0001909/H2 rev.00; L0001909/K rev.00; L0003245/A rev.00; L0003245/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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