



Number	KIP0000231D/01	Replaces	KIP0000231D/00
Issued	19/07/2017	First edition	14/07/2017
Report number	IN0000231	Expiry date	18/07/2022
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## Certificate of Type Testing Conformity

<b>License holder:</b>	Bruc-Bet sp. z o.o Nieciczka 199 - 33-240 Zabno, Poland
<b>Production site:</b>	Bruc-Bet sp. z o.o. ul. Mrozna 8 - 33-102 Tarnow, Poland
<b>Product:</b>	Photovoltaic (PV) module
<b>Models:</b>	BEP-310 Wp (and extended models)*

The products can be considered complying to the type testing based upon the following aspects:

- IEC 61215:2005  
Crystalline silicon terrestrial photovoltaic (PV) modules. Design qualification and type approval.  
Test 10.17 – Hail test  
Spheres reference diameter = 55 mm. Spheres reference speed = 33.9 m/sec.

This type testing certificate is only valid for the material combination as listed in the test report. Extended models are based on the tested sample with extension in peak power and with reduction in cell number.\*

This type testing certificate does not include the Initial and the Periodic Inspection of the production samples.

*This certificate is issued in accordance with the Kiwa Cermet Italia regulations for Product Certification. Publication of the certificate 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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Certificate





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**Certificate**

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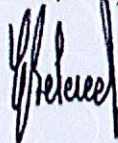
### Annex Extended models\*

(Types extended for similarity without need of re-testing according to IEC61215 "Retesting Guideline")

Model name	Cells number	Cell size (mm)	Cell technology	Module size (mm)	Rated power (Wp)
BEP-XXX Wp	72	156x156	Poly-Si	1960x992	From 255 to 340 with 5 steps
BEP-XXX Wp	60	156x156	Poly-Si	1640x992	From 210 to 280 with 5 steps
BEP-XXX Wp	54	156x156	Poly-Si	1480x992	From 190 to 255 with 5 steps
BEP-XXX Wp	48	156x156	Poly-Si	1320x992	From 170 to 225 with 5 steps
BEP-XXX Wp	36	156x156	Poly-Si	1480x670	From 125 to 170 with 5 steps
BEP-XXX Wp	24	156x156	Poly-Si	1005x670	From 85 to 110 with 5 steps
BEP-XXX Wp	18	156x156	Poly-Si	1470x350; 545x515	From 65 to 85 with 5 steps
BEP-XXX Wp	12	156x156	Poly-Si	1000x350	From 45 to 55 with 5 steps

Remarks: XXX = rated power. Frame thickness = 40 mm. Module size can vary according to the limits of the IEC61215 Retesting Guideline if the minimum distances between module current carrying part and the edge of the module stay the same.

Chief Operating Officer  
Giampiero Belcredi



Laboratory test report nr.: L0000231/D rev.00.

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