



Certificate number	17207 Rev.2	Replaces	17207 Rev.1
Issued	03/05/2023	First edition	02/12/2022
Report number	PKC0011966/E	Expiry date	01/12/2027
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Certificate of Type Testing Conformity

License holder:	Philadelphia Solar Al Qastal Industrial Area, 11814 Amman – Jordan
Production site(s):	Philadelphia Solar Al Qastal Industrial Area, 11814 Amman – Jordan
Product:	Photovoltaic (PV) module
Model(s):	PS-M144(HCBF)-540W (see extended models in the Annex)*

Kiwa Cermet Italia hereby declares that the product can be considered complying to the type testing based upon the following aspects:

- IEC 61215-1-1:2021 / EN IEC 61215-1-1:2021
Terrestrial photovoltaic (PV) modules – Design qualification and type approval – Part 1-1:
Special requirements for testing of crystalline silicon photovoltaic (PV) modules
- IEC 61215-2:2021 / EN IEC 61215-2:2021
Terrestrial photovoltaic (PV) modules – Design qualification and type approval – Part 2: Test procedures

MQT 20 – Cyclic (dynamic) mechanical load test
- Kiwa Cermet Italia Guideline “TD Ki – 0409, Solar Products and Components”

This certificate of conformity is valid for the materials combination as listed in the test report. Modifications to the product, may imply re-testing and re-certification.

This type testing certificate does not include the Initial and the Periodic Inspection of the production samples and does not certify the quality and safety of the serial products.

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

The validity of this certificate can be verified on request at the following e-mail address: energy@kiwacermet.it. Any total or partial reproduction of this document in any form, without Kiwa Cermet Italia express authorization, is prohibited.

President
Giampiero Belcredi



PRD N° 069B

Membro degli Accordi di Mutuo Riconoscimento EA, IAF e ILAC
Signatory of EA, IAF and ILAC Mutual Recognition Agreements

CERTIFICATE

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Annex Extended models*

Model name	Cells number	Cell size (mm)	Cell technology	Module size (mm)	Rated power (Wp)
PS-M144(HCBF)-xxxW	144	182x91	Mono-Si Bifacial	2277x1133x35	From 490 to 590 in steps of 5
PS-M156(HCBF)-xxxW	156	182x91	Mono-Si Bifacial	2470x1133x35	From 530 to 640 in steps of 5
PS-M132(HCBF)-xxxW	132	182x91	Mono-Si Bifacial	2100x1133x35	From 450 to 540 in steps of 5
PS-M120(HCBF)-xxxW	120	182x91	Mono-Si Bifacial	1905x1133x35	From 405 to 490 in steps of 5
PS-M108(HCBF)-xxxW	108	182x91	Mono-Si Bifacial	1722x1133x30	From 370 to 440 in steps of 5

Remarks: XXX = rated power.

President
Giampiero Belcredi

Laboratory test reports nr.: L0011966/E1 rev.00.

CERTIFICATE