



Certificate number	7685 Rev.0	Replaces	-
Issued	04/10/2024	First edition	04/10/2024
Report number	PKC0013399	Expiry date	03/10/2029
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## Certificate of Type Testing Conformity

<b>License holder:</b>	<b>Omnispower Engineering S.p.A.</b> Via Enrico Besana, 6 – 20122 Milano (MI), Italy
<b>Production site(s):</b>	Omnispower Engineering S.p.A. Regione Merconsile, 1 - 13010 Guardabosone (VC), Italy
<b>Product:</b>	Photovoltaic (PV) module
<b>Model(s):</b>	OP450M48-NT7-BF (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 61215-1:2021 / EN IEC 61215-1:2021  
Terrestrial photovoltaic (PV) modules – Design qualification and type approval – Part 1: Test requirements
- 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  
  
Test MQT 17 - Hail test  
Spheres reference diameter = 55 mm. Spheres reference speed = 33.9 m/sec
- Kiwa Cermet Italia Guideline “TD Ki – 0409, Solar Products and Components”

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](mailto:energy@kiwacermet.it). Any total or partial reproduction of this document in any form, without Kiwa Cermet Italia express authorization, is prohibited.*

# CERTIFICATE

**Kiwa Cermet Italia S.p.A.**  
**Società con socio unico, soggetta  
all'attività di direzione e  
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Industry Division Manager  
Maurizio Lorenzon



PRD N° 069B

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



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### Annex Extended models\*

Model name	Cells number	Cell size (mm)	Cell technology	Module size (mm)	Rated power (Wp)
OPXXXM54-NT7-BF	108	182.5x105	N-type TOPCon Rectangle	1960x1134x30	From 480 to 515 in steps of 5
OPXXXM48-NT7-BF	96	182.5x105	N-type TOPCon Rectangle	1762x1134x30	From 425 to 470 in steps of 5
OPXXXM60-NT6-BF	120	182x91	N-type TOPCon	1910x1134x30	From 465 to 500 in steps of 5
OPXXXM54-NT6-BF	108	182x91	N-type TOPCon	1722x1134x30	From 420 to 450 in steps of 5

Remarks: XXX = rated power.

Industry Division Manager  
Maurizio Lorenzon

Laboratory test reports nr.: L0013399/B rev.00.

**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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