



# CERTIFICATE

Certificate number	16808 Rev.1	Replaces	16808 Rev.0
Issued	18/05/2022	First edition	20/04/2021
Report number	IN0000467	Expiry date	19/04/2026
Page	1 of 2	Contract number	IN0000534

## Product Certificate Photovoltaic (PV) Panels

<b>License holder:</b>	<b>Set Prefabrik Savunma ve Güvenlik Teknolojileri Tic. Ltd. Şti.</b> Aydın Mah. Aydın Küme Evleri No:78 Kahramankazan/ANKARA, Turkey
<b>Brand name:</b>	Set Solar
<b>Production site(s):</b>	Set Prefabrik Savunma ve Güvenlik Teknolojileri Tic. Ltd. Şti. Büyüksob Mah. Nevzat Ayaz Bulvarı No:2/1 Korgun OSB Korgun/ÇANKIRI, Turkey
<b>Model(s):</b>	SETMY/HV-XXX; SETMY/HV-XXXW (where "YY" and "YYY" = number of solar cells; "XXX" = rated power. See extended models in the Annex)*

The product as listed in this certificate and marked with the below given Kiwa Cermet Italia mark for Photovoltaic (PV) Panels, can be considered complying to the requirements of Kiwa Cermet Italia Guideline "TD Ki - 0409, Solar Products and Components" based upon the following aspects:

Laboratory testing of the panels, which are performed by an accredited laboratory in accordance to ISO/IEC 17025 -see annex-, using the following standards:

- IEC 61215-1:2016  
Terrestrial photovoltaic (PV) modules – Design qualification and type approval – Part 1: Test requirements
- IEC 61215-1-1:2016  
Terrestrial photovoltaic (PV) modules – Design qualification and type approval – Part 1-1: Special requirements for testing of crystalline silicon photovoltaic (PV) modules
- IEC 61215-2:2016  
Terrestrial photovoltaic (PV) modules – Design qualification and type approval – Part 2: Test procedures
- IEC 61730-1:2016  
Photovoltaic (PV) module safety qualification – Part 1: Requirements for construction
- IEC 61730-2:2016  
Photovoltaic (PV) module safety qualification – Part 2: Requirements for testing

**Remarks:** To be used in plants at a maximum system voltage (Voc at STC) up to 1500 Vdc (Class II); fire test (IEC 61730-2 / MST 23 – Class C) was performed.

Periodic Inspection of the Factory site(s), according to "TD Ki - 0409", which 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.

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

*The validity of this certificate is subject to the positive result of periodic surveillance visits.*

*The validity of this certificate can be verified on request at the following e-mail address: [energy@kiwacermet.it](mailto:energy@kiwacermet.it).*

*È vietata la riproduzione totale o parziale, con qualsiasi mezzo, di questo documento senza l'autorizzazione di Kiwa Cermet Italia.  
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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



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## Product Certificate Photovoltaic (PV) Panels

### Annex Extended models\*

Model name	Cells number	Cell size (mm)	Cell technology	Module size (mm)	Rated power (Wp)
SETM72/HV-XXX	72	158,75x158,75	Mono-Si	1979x1002x40	From 390 to 405 in steps of 5
SETM60/HV-XXX	60	158,75x158,75	Mono-Si	1665x1002x35 1665x1002x40	From 325 to 335 in steps of 5
SETM144/HV-XXXW	144	166x83	Mono-Si	2094x1038x40	From 440 to 470 in steps of 5
SETM120/HV-XXXW	120	166x83	Mono-Si	1755x1038x35 1755x1038x40	From 365 to 385 in steps of 5

Remarks: XXX = rated power.

President  
Giampiero Belcredi

Laboratory test reports nr.: L0000467/A rev.00; 2.00.80564.1.0-05; 307.0CI0262/21; L0000467/B rev.00; L0000467/D1 rev.00; L0000467/D2 rev.00; L0000467/E rev.00; L0000610/A rev.00; L0000610/C rev.00; L0000623 rev.00.

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