

# CERTIFICATE

Certificate number	17186 Rev.1	Replaces	17186 Rev.0
Issued	08/02/2024	First edition	11/11/2022
Report number	PKC0011553/A	Expiry date	10/11/2027
Page	1 of 2	Contract number	PKC0012017

## Product Certificate Photovoltaic (PV) Panels

<b>License holder:</b>	<b>Eclipse Italia S.r.l.</b> Corso Venezia 3, 20121 Milano (MI), Italia
<b>Production site(s):</b>	Eclipse Italia S.r.l. Località Merlaro, 25078 Nozza di Vestone (BS), Italia
<b>Model(s):</b>	ECLXXXP, ECLXXXm2, ECLXXXm3, ECLXXXm4 (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 / EN 61215-1:2016  
Terrestrial photovoltaic (PV) modules – Design qualification and type approval – Part 1: Test requirements
- IEC 61215-1-1:2016 / EN 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 / EN 61215-2:2017  
Terrestrial photovoltaic (PV) modules – Design qualification and type approval – Part 2: Test procedures
- IEC 61730-1:2016 / EN IEC 61730-1:2018  
Photovoltaic (PV) module safety qualification – Part 1: Requirements for construction
- IEC 61730-2:2016 / EN IEC 61730-2:2018  
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)*

*Any total or partial reproduction of this document in any form, without Kiwa Cermet Italia express authorization, is prohibited.*

Industry Division Manager

Maurizio Lorenzon

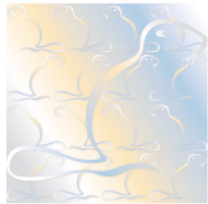
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**Società con socio unico, soggetta all'attività di direzione e coordinamento di Kiwa Italia Holding Srl**

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PRD N° 0069PRD

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)
ECLXXXP	72	156,75x156,75	Poly-Si	1957x992x40	From 285 to 350 in steps of 5
ECLXXXP	60	156,75x156,75	Poly-Si	1640x992x40; 1646x992x40	From 235 to 290 in steps of 5
ECLXXXP	54	156,75x156,75	Poly-Si	1640x992x40	From 210 to 230 in steps of 5
ECLXXm2	72	156,75x156,75	Mono-Si	1957x992x40	From 335 to 370 in steps of 5
ECLXXm2	60	156,75x156,75	Mono-Si	1640x992x40; 1646x992x40	From 275 to 315 in steps of 5
ECLXXm3	72	158,75x158,75	Mono-Si	1979x1002x40	From 340 to 405 in steps of 5
ECLXXm3	60	158,75x158,75	Mono-Si	1665x1002x40	From 290 to 340 in steps of 5
ECLXXm4	60	161,75x161,75	Mono-Si	1690x1021x40	From 300 to 350 in steps of 5

Remarks: xxx = rated power.

Industry Division Manager  
 Maurizio Lorenzon

Laboratory test reports nr.: L0003283/A rev.00; L0003283/B rev.00; L0003283/C rev.00; L0003283/D rev.00; L0003283/F rev.00; L0003283/G rev.00; L0003283/H rev.00; L0003807/A rev.00; 1068.0CI0262/19; 2.0080271.1.0-01; L0003283/E rev.00; L0004254/A1 rev.00; L0004254/A2 rev.00; L0004254/A4 rev.00; L0004254/B rev.00; L0004254/C rev.00; L0004254/D rev.00; GDP201079; L0011553/A rev.00; L0012718/A rev.00; L0012718/B rev.00; L0012718/C rev.00.

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