

Certificate number	16094 Rev.0	Replaces	-
Issued	20/12/2018	First edition	20/12/2018
Report number	IN0000302/D	Expiry date	19/12/2023
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Product Certificate Photovoltaic (PV) Panels

License holder:	Ödül Enerji Taahüt İnşaat San. Ve Tic. A.Ş. Mimarsinan Organize Sanayi Bölgesi 12. Cadde No:10 Melikgazi 38260 KAYSERİ, Turkey
Production site(s):	Ödül Enerji Taahüt İnşaat San. Ve Tic. A.Ş. Mimarsinan Organize Sanayi Bölgesi 12. Cadde No:10 Melikgazi 38260 KAYSERİ, Turkey
Model(s):	OSPY-XXX (where "YY" = number of solar cells and "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 1000 Vdc (Class II); fire test (IEC 61730-2 / MST 23 and MST 24 – 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.

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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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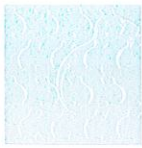
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Chief Operating Officer
Gambiero Belcredi



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Annex Extended models*

(Extended models according to IEC TS 62915)

Model name	Cells number	Cell size (mm)	Cell technology	Module size (mm)	Rated power (Wp)
OSP72-330	72	156,75x156,75	Poly-Si	1980 x 990 x 40	325
OSP60-275	60	156,75x156,75	Poly-Si	1665 x 990 x 35 1665 x 990 x 40	270

Remarks: module size can vary according to the limits of the IEC TS 62915 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 reports nr.: 1062.0CI0262/18; L0000302/A rev.00; L0000310/A rev.00; L0000302/D rev.00; L0000310/D rev.00.

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