



Certificate number	16427 Rev.1	Replaces	16427 Rev.0
Issued	25/08/2020	First edition	03/10/2019
Report number	PKC0004045	Expiry date	02/10/2024
Page	1 of 2	Contract number	PKC0004053

## Product Certificate Photovoltaic (PV) Panels

<b>License holder:</b>	<b>Business Partner S.r.l.</b> Via A. Meucci, 67 – 20128 Milano (MI), Italy
<b>Brand name:</b>	Solarday
<b>Production site(s):</b>	Via Cavezzo 26, 25045 Castegnato (BS), Italy
<b>Model(s):</b>	PXYY XXX; SDMYX XXX; BPMYY XXX; XMPYY XXX (where "YY" = 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).*

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**Kiwa Cermet Italia S.p.A.**  
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Chief Operating Officer  
Giampaolo Belcredi





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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)
PX72 XXX	72	156,75x156,75	Poly-Si	1957x992x40	From 320 to 350 in steps of 5
PX60 XXX	60	156,75x156,75	Poly-Si	1640x992x40	From 260 to 290 in steps of 5
SDM72 XXX	72	156,75x156,75	Mono-Si	1957x992x40	From 360 to 370 in steps of 5
SDM60 XXX	60	156,75x156,75	Mono-Si	1640x992x40	From 300 to 315 in steps of 5
BPM72 XXX	72	158,75x158,75	Mono-Si	1979x1002x40	From 340 to 405 in steps of 5
BPM60 XXX	60	158,75x158,75	Mono-Si	1665x1002x40	From 290 to 340 in steps of 5
XMP60 XXX	60	161,75x161,75	Mono-Si	1690x1021x40	From 300 to 350 in steps of 5

Remarks: XXX = rated power.

Chief Operating Officer  
Giampiero Belcredi

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.OCI0262/19; 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.

Kiwa Cermet Italia S.p.A.

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