



Certificate number	16828 Rev.0	Replaces	-
Issued	03/05/2021	First edition	03/05/2021
Report number	PKC0004807/A	Expiry date	02/05/2026
Page	1 of 2	Contract number	PKC0004006

## Product Certificate Photovoltaic (PV) Panels

**License holder:** **DualSun SAS**  
2 rue Marc Donadille, 13013 Marseille, France

**Production site(s):** DualSun SAS  
ZA du Grand Champ 01640 Jujurieux, France

**Model(s):** DSTIxxxG1-360SBB5; DSTNxxxG1-360SBB5  
(where "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) was not 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.*

Chief Operating Officer  
Giampiero Belcredi



**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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Page 2 of 2 Contract number PKC0004006

## Product Certificate Photovoltaic (PV) Panels

### Annex Extended models\*

Model name	Cells number	Cell size (mm)	Cell technology	Module size (mm)	Rated power (Wp)
DSTlxxxG1-360SBB5	360	158,75x31,75	Mono-Si	1646x1140x35	From 370 to 400 in steps of 5
DSTNxxxG1-360SBB5	360	158,75x31,75	Mono-Si	1646x1140x35	From 370 to 400 in steps of 5

**Remarks:** xxx = rated power. The model DSTlxxxG1-360SBB5 (with insulation material) can be considered complying to the IEC Standards only up to the maximum components/materials temperature of 90°C.

Chief Operating Officer  
Giampiero Belcredi

Laboratory test reports nr.: L0004807/A rev.00; 338.0CI0265/21.

# CERTIFICATE

Kiwa Cermet Italia S.p.A.

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