



Number	15472 Rev.0	Replaces	KIP0001590A/00
Issued	26/01/2018	First edition	06/06/2017
Report number	PKC0001590	Expiry date	25/01/2023
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# CERTIFICATE

## Product Certificate Photovoltaic (PV) Panels

The products:

License holder:	CAPPELLO GROUP S.p.A. Zona Industriale IV Fase Viale 3 n.5 - 97100 Ragusa (RG), Italy
Production site:	CAPPELLO GROUP S.p.A. Zona Industriale IV Fase Viale 3 n.5 - 97100 Ragusa (RG), Italy
Brand name:	Micron
Models:	CAxxxMyy; CAxxxPyy (and extended models, where "xxx" suffix indicates the rated power and "yy" suffix indicates the number of solar cells)*

as listed in this certificate and marked with the below given Kiwa Cermet Italia mark for Photovoltaic (PV) Panels, can be considered complying to 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 EN ISO/IEC 17025: 2005 – see annex-, using the following standards:

- IEC 61215:2005 / EN 61215:2005  
Crystalline silicon terrestrial photovoltaic (PV) modules – Design qualification and type approval
  - IEC 61730-1:2013 / EN 61730-1/A2:2013  
Photovoltaic (PV) module safety qualification – Requirements for construction
  - IEC 61730-2:2012 / EN 61730-2/A1:2012  
Photovoltaic (PV) module safety qualification – Requirements for testing
- Remarks: To be used in plants at a maximum system voltage (Voc at STC) up to 1000 Vdc (application Class A); 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.*

Kiwa Cermet Italia S.p.A.

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

Via Cadriano, 23

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Chief Operating Officer  
Giampiero Belcredi

Member of the IECCE CB-Scheme



SGQ N° 007A  
SGA N° 010D  
PRD N° 069B  
FSM N° 004I  
PRS N° 089C





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## Product Certificate Photovoltaic (PV) Panels

### Annex

#### Extended models\*

(Types extended according to IEC61215 "Retesting Guideline")

Model name	Cells number	Cell size (mm)	Cell technology	Module size (mm)	Rated power (Wp)
CAxxxM72	72	156x156	Mono-Si	1978x997	From 265 to 315 with 5 steps
CAxxxM60	60	156x156	Mono-Si	1659x994	From 220 to 265 with 5 steps
CAxxxM54	54	156x156	Mono-Si	1499x994	From 200 to 235 with 5 steps
CAxxxM48	48	156x156	Mono-Si	1339x994	From 175 to 210 with 5 steps
CAxxxM42	42	156x156	Mono-Si	1179x994	From 155 to 185 with 5 steps
CAxxxM36	36	156x156	Mono-Si	1019x994	From 135 to 155 with 5 steps
CAxxxM24	24	156x156	Mono-Si	859x994	From 90 to 105 with 5 steps
CAxxxM18	18	156x156	Mono-Si	699x994	From 65 to 75 with 5 steps

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#### Extended models\*

(Types extended according to IEC61215 "Retesting Guideline")

Model name	Cells number	Cell size (mm)	Cell technology	Module size (mm)	Rated power (Wp)
CAxxxP72	72	156.75x156.75; 156x156	Poly-Si	1978x997	From 245 to 345 with 5 steps
CAxxxP60	60	156.75x156.75; 156x156	Poly-Si	1659x994	From 205 to 285 with 5 steps
CAxxxP54	54	156.75x156.75; 156x156	Poly-Si	1499x994	From 185 to 260 with 5 steps
CAxxxP48	48	156.75x156.75; 156x156	Poly-Si	1339x994	From 165 to 230 with 5 steps
CAxxxP42	42	156.75x156.75; 156x156	Poly-Si	1179x994	From 145 to 200 with 5 steps
CAxxxP36	36	156.75x156.75; 156x156	Poly-Si	1019x994	From 125 to 170 with 5 steps
CAxxxP24	24	156.75x156.75; 156x156	Poly-Si	859x994	From 85 to 115 with 5 steps
CAxxxP18	18	156.75x156.75; 156x156	Poly-Si	699x994	From 65 to 85 with 5 steps

Remarks: xxx = rated power. The modules can be framed (frame thickness = 32.8 mm, 40 mm or 45 mm), frameless or with mounting system Coversun. Module size can vary according to the limits of the IEC61215 Retesting Guideline if the minimum distances between module current carrying part and the edge of the module stay the same.

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Laboratory test reports nr.: PVC01 CdO 09C491001; PVQ01 CdO 09C491002; PS201 CdO 09C491002; PVQ01 CdO 17777-100033; PS201 CdO 17777-100033; PVQ01 17777-100439; PS101 17777-100439; PS201 17777-100439; PVQ01 17777-100687; PS201 17777-100687; PVQ01 17777-110093; PS201 17777-110093; L0001590 rev.00; L0002017 rev.00.



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