



COMPONENTE SPECIALE:

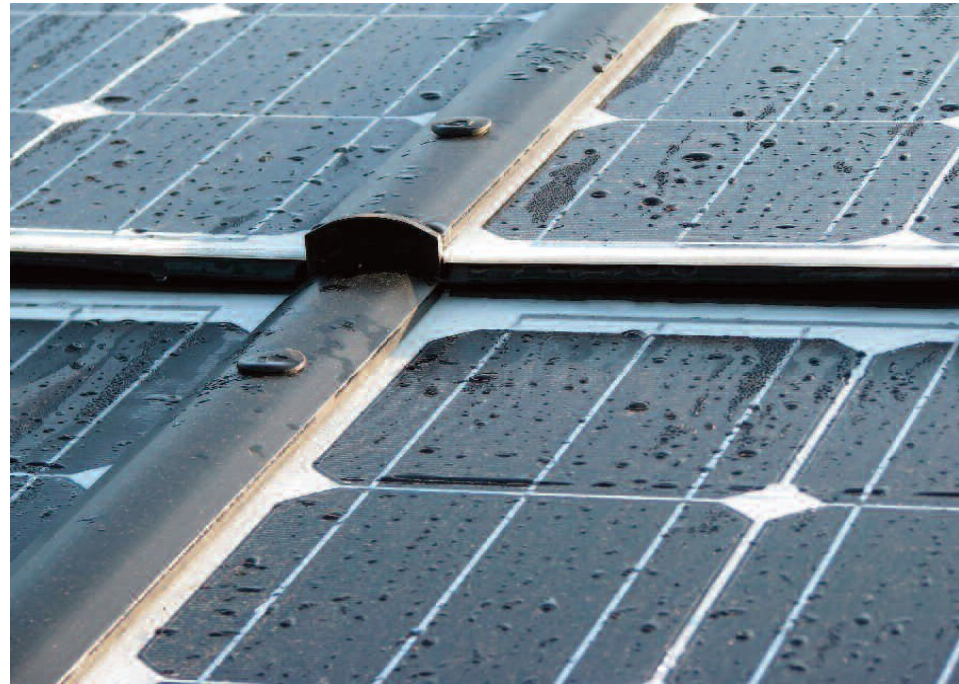
**MODULO SENZA CORNICE DELLA
SERIE DG6MXXTFL
SISTEMA DI FISSAGGIO
BREVETTATO RENUSOL**

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INTRASOLE CL

È IL SISTEMA DI MONTAGGIO INTEGRATO ESTREMAMENTE FLESSIBILE PER IL FISSAGGIO DI MODULI FOTOVOLTAICI SENZA CORNICE (BIPV) SU TETTI INCLINATI CON PENDENZA MINIMA DI 14°.



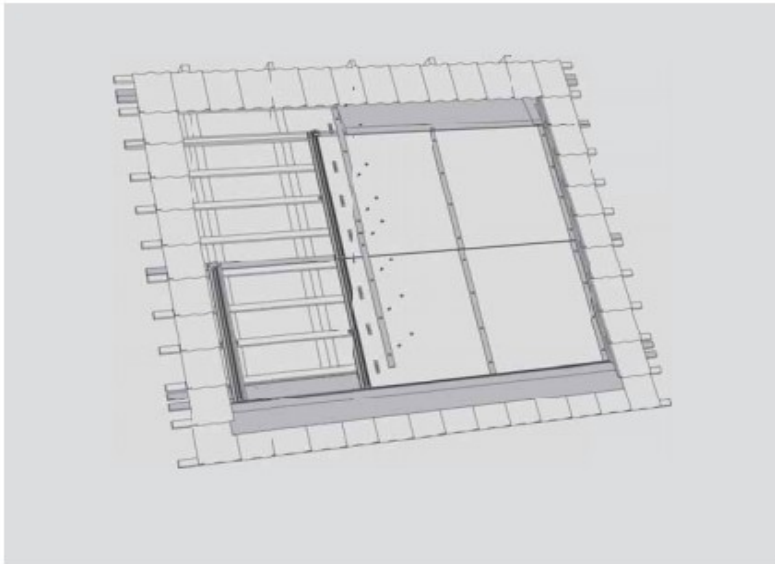
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I MODULI E COMPONENTI SPECIALI, SONO SVILUPPATI SPECIFICAMENTE PER INTEGRARSI E SOSTITUIRE ELEMENTI ARCHITETTONICI DI EDIFICI, ENERGETICAMENTE CERTIFICABILI,

I MODULI DEVONO, INOLTRE, ESSERE INSTALLATI SECONDO LE SEGUENTI MODALITÀ:


- 1. SOSTITUIRE COMPONENTI ARCHITETTONICI DEGLI EDIFICI;**
 - 2. SVOLGERE UNA FUNZIONE DI RIVESTIMENTO DI PARTI DELL'EDIFICIO, ALTRIMENTI SVOLTA DA COMPONENTI EDILIZI NON FINALIZZATI ALLA PRODUZIONE DI ENERGIA ELETTRICA;**
- DA UN PUNTO DI VISTA ESTETICO, IL SISTEMA FOTOVOLTAICO DEVE COMUNQUE INSERIRSI ARMONIOSAMENTE NEL DISEGNO ARCHITETTONICO DELL'EDIFICIO.**



INCENTIVI

| Intervallo di potenza [kW] | Tariffa omnicomprensiva [€/MWh] | Tariffa premio sull'energia consumata in sito [€/MWh] |
|----------------------------|---------------------------------|---|
| $1 \leq P \leq 20$ | 242 | 160 |
| $20 < P \leq 200$ | 231 | 149 |
| $P > 200$ | 217 | 135 |

Tabella 4 - tariffe per gli impianti che entrano in esercizio nel secondo semestre di applicazione del V Conto Energia




LE TARIFFE ONNICOMPRESIVE E LE TARIFFE PREMIO SULL'ENERGIA CONSUMATA IN SITO SONO INCREMENTATE, LIMITATAMENTE AGLI IMPIANTI FOTOVOLTAICI E AGLI IMPIANTI INTEGRATI CON CARATTERISTICHE INNOVATIVE, DEI PREMI TRA LORO CUMULABILI, QUANTIFICATI IN €/MWH (COME STABILITO DALL'ART.5, COMMA 2 LETTERA A) DEL DM 5 LUGLIO 2012) PER:

1. GLI IMPIANTI CON COMPONENTI PRINCIPALI REALIZZATI UNICAMENTE ALL'INTERNO DI UN PAESE CHE RISULTI MEMBRO DELL'UNIONE EUROPEA O DELLO SPAZIO ECONOMICO EUROPEO (ISLANDA, LIECHTENSTEIN E NORVEGIA);
2. GLI IMPIANTI REALIZZATI SU EDIFICI CON MODULI INSTALLATI IN SOSTITUZIONE DI COPERTURE SU CUI È OPERATA LA COMPLETA RIMOZIONE DELL'ETERNIT O DELL'AMIANTO.

CERTIFICATI DEI LAMINATI DG ENERGY

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CERTIFICATE

Certificate No. 10-PPV-00076/01-TIC

WE HEREBY CERTIFY THAT THE PHOTOVOLTAIC MODULES WITH THE MODEL

DG6M72TFL72/265
(Tested Type)

And with Types extended for similarity*
- See Annex -

MANUFACTURING & LICENSE HOLDER
DG ENERGY S.R.L.
C. da Gidora, z.i. I-87040 Luzzi (CS)

IS IN COMPLIANCE WITH THE REQUIREMENTS OF

IEC 61215 : 2005
Crystalline silicon terrestrial photovoltaic (PV) modules – Design qualification and type approval
&
EN 61730-1 / EN 61730-2 : 2007
Photovoltaic (PV) module safety qualification
To be used in plants at a total voltage up to : 1000 Vdc (application Class A)


AS RESULT OF THE TEST IN OUR APPOINTED LABORATORY

EA ACCREDITED LABORATORY N. 0085


REPORT No. TIC-M1.10.FVOL.0228/37464

Expiring date 13.12.2015
(Providing that the testing basis continues unchanged.)


Note: (*) The manufacturer declares that these products are constructed using the same materials, components and processes as the tested type DG6M72TFL72/265. Further details on certified models are reported on the attachment. Technical data, materials and components description are into the indicated test reports. Further details are included in the test reports. Any changes of the design, materials, components or processing may require the repetition of some of the qualification tests in order to retain type approval. The certification is performed on tested model as complete certification. This certificate is for type approval and based on voluntarily product test without Factory Inspection.



Deutscher
Akkreditierungs
Rat
DAT-ZE-030/09-00




Am Bonner Bogen 2, D-53227 Bonn, 14.12.2010 Dip.-Ing. E. Schmitt
TUV INTERCERT Certification Body



PCA 1416

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CERTIFICATE

Annex of

Certificate No. 10-PPV-00076/01-TIC


THE PHOTOVOLTAIC MODULES WITH THE MODELS

| Tested Type | Cell Number | Cell Size | Cell Technology | Power [W] |
|-----------------|-------------|-----------|-----------------|-----------|
| DG6M72TFL72/265 | 72 | 156*156mm | Multi | 265 |


Types extended for similarity* with Multi Cell Technology without need of re-testing
(according to IEC6E "Retesting guideline").

| Type | Cell Number | Cell Size | Power [W] |
|------------------|-------------|-----------|-----------|
| DG6M48TFL72/185* | 48 | 156*156mm | 185 |
| DG6M48TFL72/180* | 48 | 156*156mm | 180 |
| DG6M36TFL54/140* | 36 | 156*156mm | 140 |
| DG6M36TFL54/130* | 36 | 156*156mm | 130 |
| DG6M24TFL90* | 24 | 156*156mm | 90 |
| DG6M60 TFL 240* | 60 | 156*156mm | 240 |
| DG6M60 TFL 235* | 60 | 156*156mm | 235 |
| DG6M54TFL220* | 54 | 156*156mm | 220 |
| DG6M54TFL215* | 54 | 156*156mm | 215 |
| DG6M54TFL210* | 54 | 156*156mm | 210 |
| DG6M48TFL190* | 48 | 156*156mm | 190 |
| DG6M48TFL185* | 48 | 156*156mm | 185 |
| DG6M36TFL145* | 36 | 156*156mm | 145 |
| DG6M36TFL140* | 36 | 156*156mm | 140 |


Note: (*) The manufacturer declares that these products are constructed using the same materials, components and processes as the tested type DG6M72TFL72/265. Further details on certified models are reported on the attachment. Technical data, materials and components description are into the indicated test reports. Further details are included in the test reports. Any changes of the design, materials, components or processing may require the repetition of some of the qualification tests in order to retain type approval. The certification is performed on tested model as complete certification. This certificate is for type approval and based on voluntarily product test without Factory Inspection.



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DAT-ZE-030/09-00



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PCA 1416



| | | | |
|-------------|---------------|----------|---------------|
| Number | KIP-064032/05 | Replace | KIP-064032/04 |
| Issued | 17/09/2012 | Scope | PV CoO |
| Expire date | 17/09/2015 | Contract | KIP PV 181 |
| Report n. | 110800378 | Page | 1 of 2 |

Factory Inspection Certificate

Licence Holder D.G. Energy S.r.l.
C.da Gidora, 87040 Z.I. Luzzi (CS) ITALY

Production site: Identical to applicant address

Production site ref. nr: KIP PV 181 001

Product name: DG6MXX
DG6MXXTFL
(and extended models. Where XX indicates number of cells)*

During the periodic inspection of the production site(s) according to "DT Ki - 0409", was checked the production steps, verifying that the technical characteristics of the products, listed above, comply with the type approval certification in according to the standards IEC (EN) 61215:2005 and IEC (EN) 61730-2:2004.

Laboratory tests have been performed by Eurofins Modulo Uno Ea Accredited nr. 0085 report M1.11.FVOL.0189/42402, M1.10.FVOL.0228/37464, M1.11.NRG.0424 /45631.

The products are fully produced in the EU territory and therefore are in compliance with the requirements for the 'Made in EU' of the Italian law 'V Conto Energia per il Fotovoltaico - D.M. 5 Luglio 2012 and application rules: GSE August 2012 paragraph 4.4.

Production steps: Complete Production, including including string, assembling, lamination and electrical test .

Production capacity: Maximum 30.000 modules / year (9MW/year)

Module serial number sequence: On Product ID label: (DG6MXX)*
Module serial number below the bar code:
AYYXXXXXXXXXX
A: production site encoded by the number 8
YY: year of production
XXXXXXXXXX: unique production serial number from 000000001 to 999999999


Bouke Meekma
Kiwa



KIP PV 181 001

Certificate

CERTIFICATO PER IL MADE IN EU

| | | | |
|-------------|---------------|----------|------------------|
| Number | KIP-076494/01 | Replace | - |
| Issued | 23-01-2013 | Scope | PV Certification |
| Expire date | 23-01-2016 | Contract | KIP PV 181 |
| Report n. | 110800378 | Page | 1 of 2 |

Factory Inspection Certificate

License Holder: D.G. Energy S.r.l.
C.da Gidora, 87040 Z.I. Luzzi (CS) Italy

Production site: D.G. Energy S.r.l.
C.da Gidora, 87040 Z.I. Luzzi (CS) Italy

Production site ref. nr.: KIP PV 181 001

Product name: DG6MXXTFL
(and extended models. Where XX indicates number of cells)*

During the periodic inspection of the production site(s) according to "DT Ki - 0409", was checked the production steps, verifying that the technical characteristics of the products, listed above, comply with the type approval certification in according to the standards IEC (EN) 61215:2005 and IEC (EN) 61730-2:2004.
Laboratory tests have been performed by Eurofins Modulo Uno (EA Accredited nr. 0085) report nr. M1.10.FVOL.0228/37464.

The products are fully produced in the EU territory and therefore are in compliance with the requirements for the 'Made in EU' of the Italian law 'V Conto Energia per il Fotovoltaico - D.M. 5 Luglio 2012 and application rules: GSE August 2012 paragraph 4.4.

Production steps: Complete production: string, assembling, lamination and electrical test.

Production capacity: Maximum 30.000 modules/year (9MW/year)

Specialty of the product: Laminate with Renusol Solar Mounting System IntraSole CL. PV mounting system with European patent application and opinion of European Patent Office with positive content: International application nr. PCT/EP2009/0088593.

Module serial number sequence: On Product ID label: (DG6MXXTFL)*
Module serial number below the bar code:
A: production site encoded by the number 8
YY: year of production
XXXXXXXXXX: unique production serial number from 000000001 to 999999999

Kiwa Italia S.p.a.
Sede Legale:
Via Gottredo Mameli, 20
20129 Milano
Sede Amministrativa e operativa:
Via Treviso, 32/34
31020 San Vendemiano (TV)
www.kiwa.com

B. Meekma
Bouke/Meekma
Kiwa

Member of the IECCE CB scheme



KIP PV 181 001

CERTIFICATO PER LA DICHIARAZIONE DI COMPONENTE SPECIALE

Certificate

