

# Flexible photovoltaic panels

HIGH EFFICIENCY MONOCRISTALLINE



## High efficiency

Thanks to the use of mono-cristalline cells  
Full Square with **20% efficiency**



## Walk on panels

possibility of walking on panels thanks to the use  
of high resiliency techno-polymers



## Microcracking managing

Thanks to the new intercontacts technology



## Lightness

1/8 weight than classical glass panels



## Flexible

adapt to all surfaces, even curves



## High resistance

to saline mist



## Certified

IEC 61701:2011 Saline mist - IEC 61215 10.17 - powered by KIWA



## Made in Italy

developed and produced by Giosolutions



## Thin

just 1.5 mm



Giosolutions has developed a type of flexible fotovoltaic panel realized with the innovative DAY4 technology; these products are made of technopolimers which give them a higher efficiency and a weight of about 1/8 compared to the traditional glass panels.

The specific contacting methodology -together with the use of photovoltaic Full Square cells of high efficiency- has led to realize photovoltaic panels with the higher efficiency worldwide.



IEC 61701:2011  
Saline mist



IEC 61215  
10.17



powered  
by KIWA



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Electrical characteristics	GSC 170	GSC 150	GSC 95	GSC 85	GSC 75	GSC 75Q
V P <sub>MAX</sub> (V)	20,88	18,56	11,60	10,44	9,28	9,28
I P <sub>MAX</sub> (A)	8,16	8,16	8,25	8,16	8,16	8,16
P <sub>MAX</sub> (Watt)	170,38	151,45	95,64	85,19	75,72	75,72
V <sub>CA</sub> (V)	23,4	20,80	13,00	11,70	10,40	10,40
ICC (I)	8,45	8,45	8,54	8,45	8,45	8,45
EFFICIENCY %	16,62	16,44	16,22	15,91	15,74	15,70
Dimensions	GSC 170	GSC 150	GSC 95	GSC 85	GSC 75	GSC 75Q
H (mm)	1530	1375	890	1530	1375	720
L (mm)	680	680	680	360	360	680
S (mm)	1,5	1,5	1,5	1,5	1,5	1,5
WEIGHT (Kg)	2,6	2,31	1,45	1,34	1,21	1,21

#### TEMPERATURE COEFFICIENTS

V <sub>CA</sub> (V)	-0,330%/°C
POT (WP)	-0,46%/°C
ICC (A)	+0,036%/°C
NOCT	42° C

#### LIMIT VALUES

SYSTEM VOLTAGE	600 V DC
OVER-CURRENT PROTECTION	15 A
TEMPERATURE RANGE	-40° TO +90° C

## Fixing options



Structural  
bi-adhesive



Tenax



Stainless  
steel eyelets



Zip

ON GRID  
Warranty



OFF GRID  
Warranty



Installation  
Manual



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