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EnergyPal

Solar Panel Guide Specification Data Sheet

Giocosolutions Srl

GSC 75Q-170

GSC 75Q

Also available on the web at
EnergyPal.com/giocosolutions-srl-solar-panels/gsc-75q

Flexible photovoltaic panels

HIGH EFFICIENCY MONOCRYSTALLINE



More energy each day

Thanks to the use of low metallization cells which allow a better efficiency of the panel



Flexible

Adapt to all surfaces, even curves



High resistance and Walk on panels

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



Microcracking managing

Thanks to the new G Wire technology with highly conductive silver alloy contacts



Light & thin

1/8 weight respect to standard glass panels, just 1.5 mm thin



High resistance to marine environment

Certified IEC 61701:2011 against salty mist



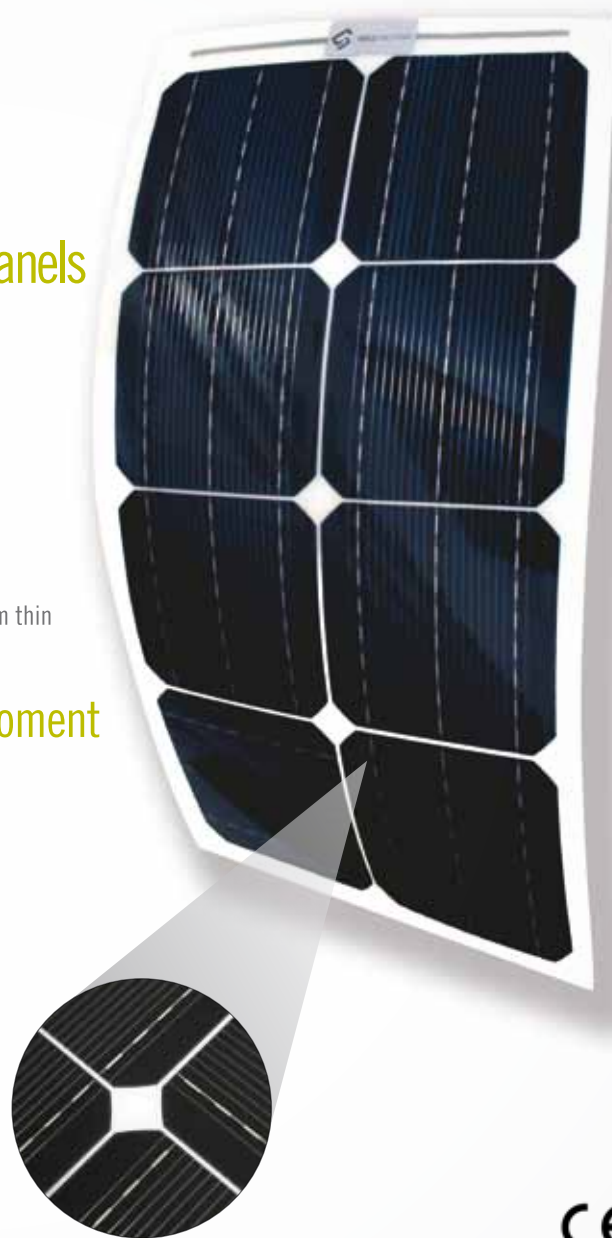
Easy to be integrated

Using adhesive, eyelets, tenax and zip



Made in Italy

Developed and produced by Giosolutions



Giosolutions has developed a type of flexible photovoltaic panel realized with the new G Wire technology with highly conductive silver alloy contacts; these products are made of techno-polymers 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 monocrystalline cells with high efficiency, has led to realize one of the most efficient flexible solar panel in the world.



IEC 61701:2011
Saline mist



IEC 61215
10.17



powered
by KIWA



GIOCO SOLUTIONS®



GIOCOSOLUTIONS.COM



Electrical characteristics	GSC 170	GSC 150	GSC 95	GSC 85	GSC 75	GSC 75Q
V P _{MAX} (V)	20,88	18,56	11,60	10,44	9,28	9,28
I P _{MAX} (A)	8,16	8,16	8,25	8,16	8,16	8,16
P _{MAX} (Watt)	170,38	151,45	95,64	85,19	75,72	75,72
V _{CA} (V)	23,4	20,80	13,00	11,70	10,40	10,40
I _{CC} (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 _{CA} (V)	-0,330%/°C
POT (WP)	-0,46%/°C
I _{CC} (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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