

Flexible photovoltaic panels

POLYCRYSTALLINE

ENERGY IN FREEDOM



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

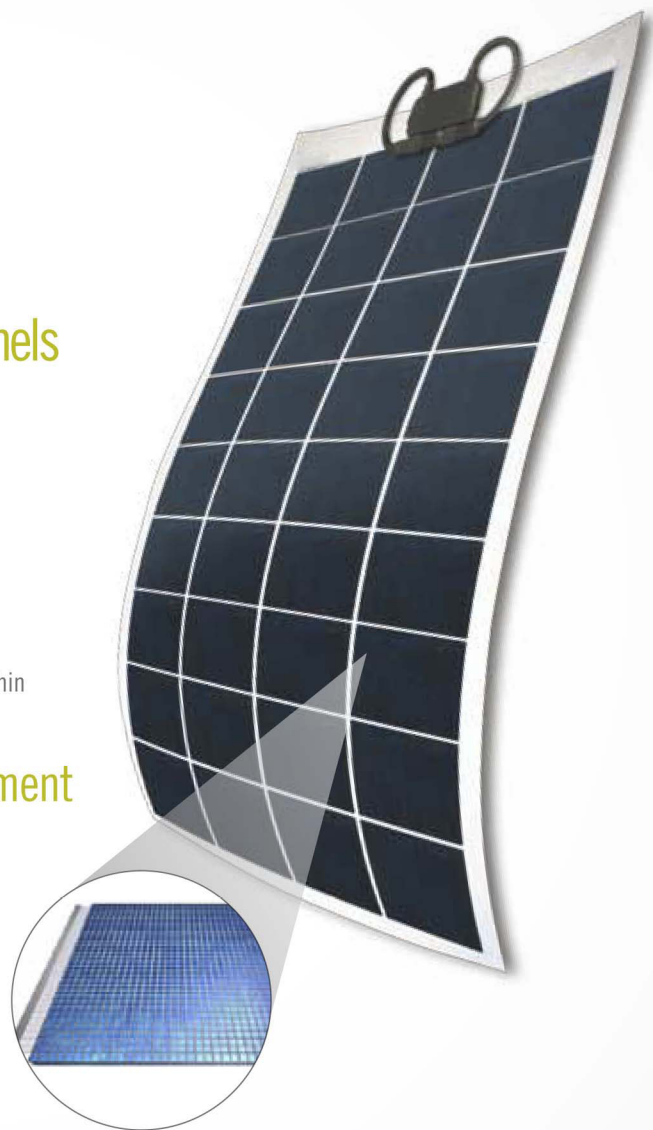


Easy to be integrated

Using adhesive, eyelets, tenax and zip



Made in Europe



enea has developed a type of flexible photovoltaic panel realized with a new intercontacts technology in 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 polycrystalline cells with high efficiency has led to realize panels with more energy every day.



IEC 61701:2011
Saline mist



IEC 61215
10.17



powered
by KIWA



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Electrical characteristics	TXP145	TXP130	TXP80Q	TXP73L	TXP65Q	TXP65L
V PMAX (V)	18,75	16,64	10,4	9,36	8,32	8,32
I PMAX (A)	7,87	7,87	7,87	7,87	7,87	7,87
P MAX (WATT)	147,36	131,0	81,87	73,68	65,50	65,50
VCA (V)	22,32	19,84	12,40	11,16	9,92	9,92
ICC (I)	8,16	8,16	8,16	8,16	8,16	8,16
EFFICIENCY %	14,38	14,22	13,89	13,94	13,58	13,86

Dimensions	TXP145	TXP130	TXP80Q	TXP73L	TXP65Q	TXP65L
H (mm)	1530	1375	890	1530	730	1375
L (mm)	680	680	680	360	680	360
S (mm)	1,5	1,5	1,5	1,5	1,5	1,5
WEIGHT (Kg)	2,60	2,31	1,45	1,34	1,21	1,21

TEMPERATURE COEFFICIENTS

VCA (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

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