

FLEXIBLE PHOTOVOLTAIC PANELS



MONOCRYSTALLINE, MORE ENERGY

WKE World Key Energy has developed a type of flexible photovoltaic panel realized with the innovative DAY4 technology; these products are made of technopolimers wich 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.

Characteristics

More energy each day

thanks to the use of low metallization cells wich allow better efficiency of the panel in diffused light conditions

Walk on panels

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

Microcraking managing

thanks to intercontacts Day4 technology

Lightness

1/8 weight than classical glass panels

High resistance

to saline mist

Innovative back-sheet

5 layered aluminium



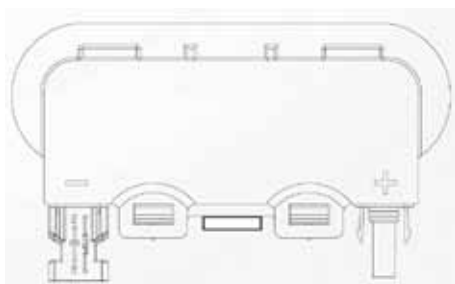


CHARACTERISTICS

Electric Characteristics	WKE 150	WKE 170	WKE 85	WKE 95	WKE 75	WKE 75Q
V P _{MAX} (V)	18,56	20,88	10,44	11,60	9,28	9,28
I P _{MAX} (A)	8,16	8,16	8,16	8,25	8,16	8,16
P _{MAX} (Watt)	151,45	170,38	85,19	95,64	75,72	75,72
V _{CA} (V)	20,80	23,4	11,70	13,00	10,40	10,40
I _{CC} (I)	8,45	8,45	8,45	8,54	8,45	8,45
EFFICIENCY %	16,44	16,62	15,91	16,22	15,74	15,70

Dimensions	WKE 150	WKE 170	WKE 85	WKE 95	WKE 75	WKE 75Q
H (mm)	1375	1530	1530	880	1375	720
L (mm)	670	670	350	670	350	670
S (mm)	1,5	1,5	1,5	1,5	1,5	1,5
Weight (Kg)	2,31	2,6	1,34	1,45	1,21	1,21

CONNECTION



FIXING OPTIONS

Structural bi-adhesive

Stainless steel eyelets

Tenax

Zip