

Flexible Solar Module

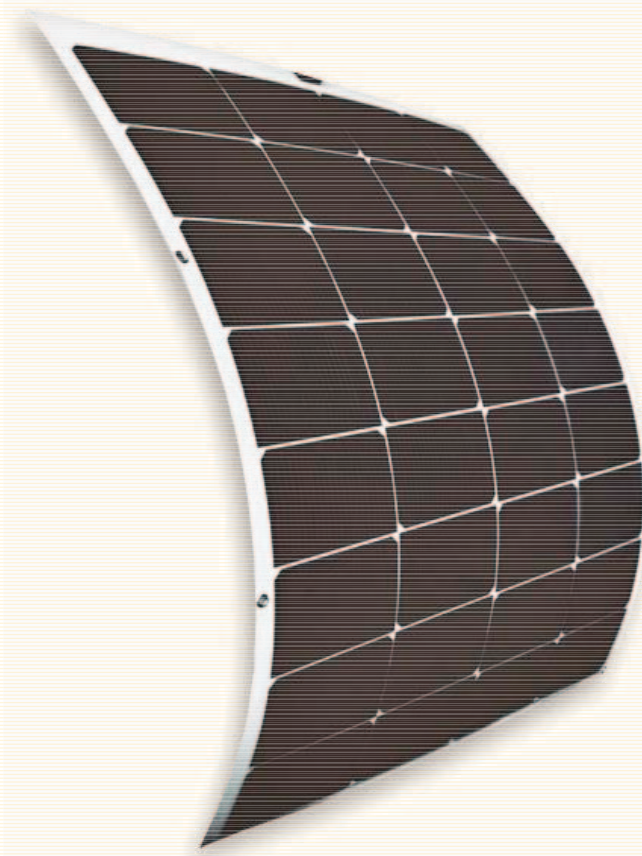
KEFlexi 50/100/150

KOSOL MultiWire Technology
 Resistant to Step On
 Immune to Micro Cracks
 Low Light Performance
 Thin and Light weight

KOSOL MultiWire Electrode Technology may minimize electrical loss during transfer. Compared with conventional bus bar design, MultiWire cell is less affected by cell cracks.

The power generation area of a conventional bus bar design will be less effective due to cell cracks or breakage.

Multiwire technology has more interconnection points and the power generation will be more resistant against cell cracks or breakage. Upto 7X more interconnection points vs conventional 3BB cell design (2100 point vs 300 points).



TECHNICAL SPECIFICATIONS

TYPE	KE 50	KE 100	KE 150
Pmp/W*	50	100	150
I _{mp} /A	2.67A	5.25A	9.36V
V _{mp} /v	17V	17V	16.2V
I _{sc} /A	3.16A	6.19A	10.23A
V _{oc} /V	23V	23V	18.8V
Dimension (mm)	516 x 675 x 2.5	935 x 675 x 2.5	1500 x 710 x 2.5
Weight (kg)	1	1.8	2.3

Advantages:

Minimize power generation loss during summer seasons.

During summer seasons, the temperature on the surface of the solar cells can reach as high as 80°C, with Multiwire electrode technology, the wire on the front and back side can act as a heat sink and help draw heat away from the cell surface and may minimize power generation loss due to the high heat.