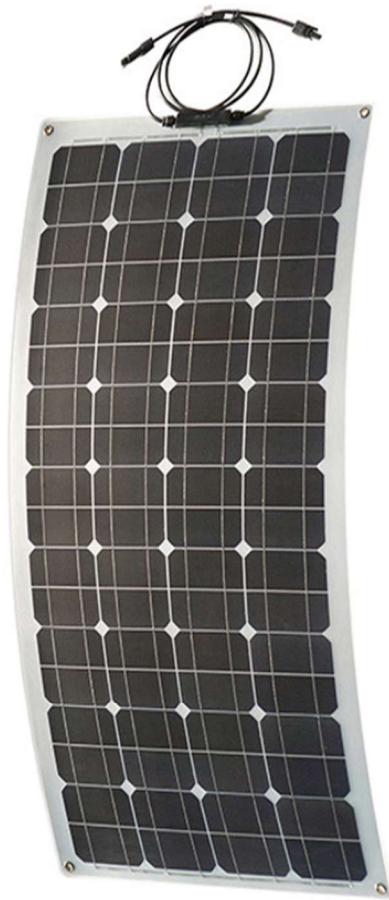




## Lightweight Flexible Photovoltaic Module Project Series



### APPLICATIONS

building integrated and building applied PV (rooftop, facade)  
Outdoor & mobile applications

### 100 Wp – 335 Wp POWER RANGE

Positive power tolerance 0/+5W

### HIGH RELIABILITY

IP67 Rated Junction Box

### WARRANTY

10-year product warranty  
25-year linear performance warranty

For building integrated and building applied installations



#### Ultra-lightweight

Weight as low as 2.5 kg per square meter.



#### Patented design

A patented design ensures that the modules are only 2 mm thick.



#### Flexibility

Their flexibility ensures that the modules conform to the corresponding substructure.



#### Easily mounted with a number of assembly options

The modules can be glued, screwed, riveted, or mounted onto the substructure using existing eyelets.



#### Customer-specific and project-specific solutions

Model size, shape, and color are customizable.



#### High energy yield

Light-trapping effect generated by the lenticular surface.

TECHNICAL DATA			
Product	RXF-80	RXF-150	RXF-250
Maximum Power	80W	150W	250W
Dimensions	1000*500*2.5mm	1320*670*2.5mm	1440*990*2.5mm
Cell Number	3*12	4*8	6*12
Weight	0.8KG	2.5kg	3.5KG
Solar cells	monocrystalline		
Maximum system voltage	1000 V		
Maximum over current protection	20 A		
Front sheet	PET/EFTE		
Encapsulation	Patented fibreglass-reinforced plastic, EVA		
Back sheet	High resistant PET		
Junction box	TÜV-certified (IP 67) with 3 bypass-diodes		
Cables	2 x 4 mm <sup>2</sup> , 900 mm		
Connector	PV4S		

ELECTRIC CHARACTERISTICS							
Name	Type	Cells	Power (Wp)	Isc (A)	Voc (V)	Imp (A)	Vmp (V)
RXF-80	Mono	3*12	80W	4.7	21.6	4.4	18
RXF-100	Mono	4*9	100W	6	21.6	5.6	18
RXF-120	Mono	4*9	120W	7.2	21.6	6.7	18
RXF-150	Mono	4*8	150W	9.3	21	8.6	17.5
RXF-180	Mono	6*12	180W	4.9	44	4.5	36
RXF-250	Mono	6*12	250W	6.8	44	6.2	36

THERMAL CHARACTERISTICS	
Operating temperature range	-40 to 85°C
Temperature coefficient P <sub>mp</sub>	-0.393 %/°C
Temperature coefficient Voc	-0.310 %/°C
Temperature coefficient Isc	0.051 %/°C



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