



## PIE AIR SUPER LIGHT 190+

190W 18V BLK/TRNS



### SUPER LIGHT

Glass-free and frameless, nevertheless robust solar module due to ETFE with a net weight of 2.90 Kg



### EASY TO FIT

16 long holes for easy and universal usage



### HIGH PERFORMANCE

Usage of special monocrystalline solar cells to absorb the maximum of sunlight and convert into energy



### WARRANTY

6 Years product warranty & 25 years linear performance warranty (81% power assurance)

### Electrical Characteristics

Type	Model
Maximum Power (Pmax)	190W+
Maximum Power Voltage (Vmp)	18.00V
Maximum Power Current (Imp)	10.83A
Open Circuit Voltage (Voc)	21.6V±3%*
Short Circuit Current (Isc)	11.9A±3%*
Module Efficiency (%)	> 19,1 %

### Operating Conditions

Max. system voltage	IEC 1500V
Operating temperature range	-40°C – +85°C

### Certification

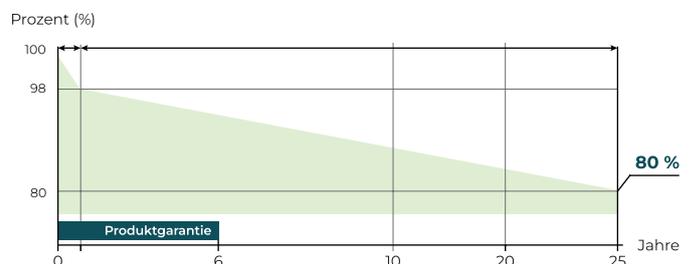
IEC 61730
IEC 61215
IEC 61000

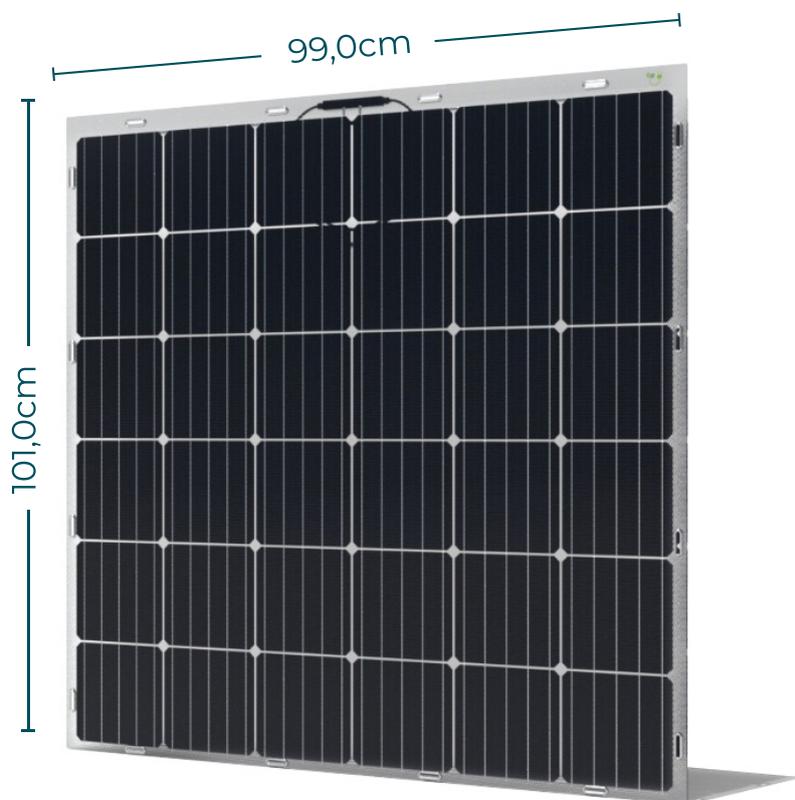
### Temperature Coefficient

Power temperature coefficient	- 0.045%/°C
Voltage temperature coefficient	- 0.33%/°C
Current temperature coefficient	- 0.05%/°C

### Mechanical Characteristics

Installation Module Dimension (L×W×H)	1010 x 990 x 3,0
Weight	2.9 kg
Cell (quantity / material / type / dimensions)	ULTRatech COMPOSITE Material





**SIZE: 1010 x 990 x 3.5**