

Best solution  
Better integration

# BIPV PERGOLA

## Pergolas PV

### MATERIALS

- 4 mm tempered glass  
high-transparency
- 0.76 mm PVB layer
- 0.21 mm PhotoVoltaic cells
- 0.76 mm PVB layer
- 4 mm tempered glass

### Composition:



### 24 CELLS PV PANEL

SI-ESF-M-BIPV-CT-M158-24

Size: 740 x 1100 x 12 mm

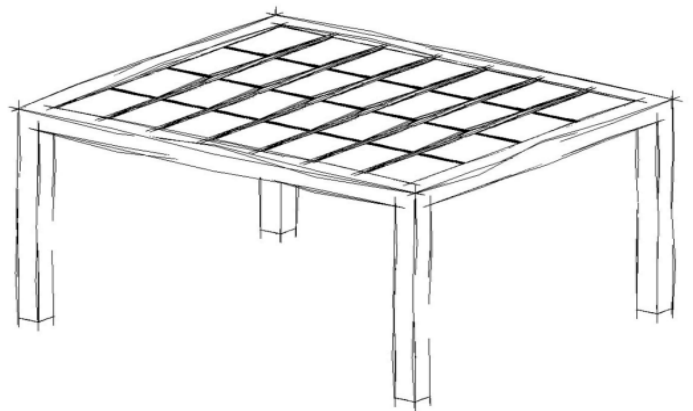
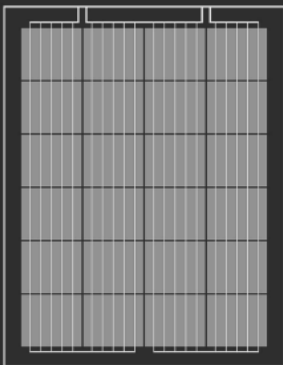
Weight: 23 kg

Matrix: 4 x 6

Transparency: 25.7 %

Power: 135 Wp

Connectors: Type 3



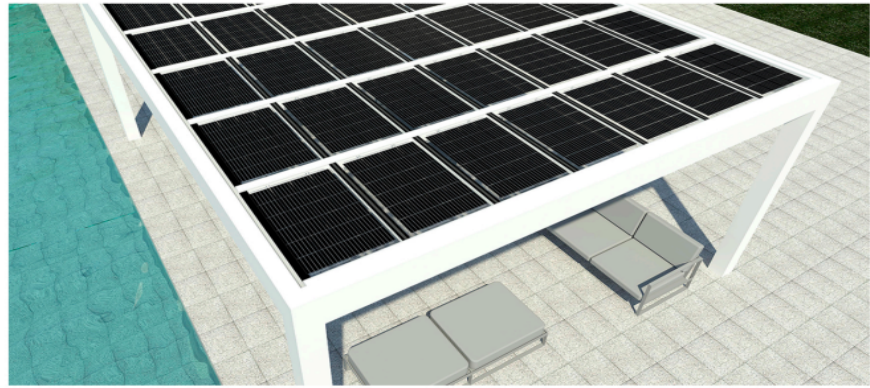
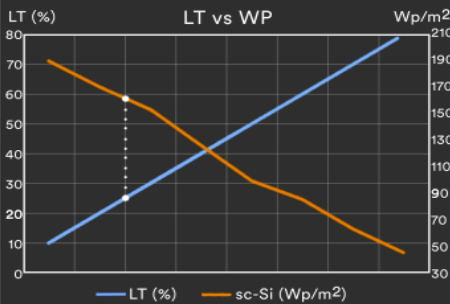
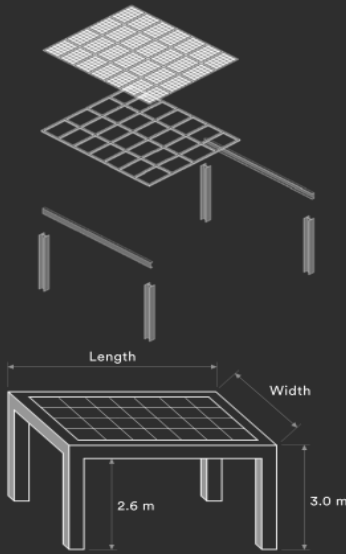
**T**he **photovoltaic** pergolas are an alternative form to replace the materials which traditionally are only used in the construction to generate **shades**.

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# BIPV

One of the great advantages of Solar architectural integration **photovoltaic** glasses is that they act as a filter for ultraviolet and infrared radiation, both harmful to health, in addition to generating clean and **free energy** thanks to the sun.



## Integrated Photovoltaic

N° Moduls	Max Power	Width x Length m	Area m²
2 x 2 → 4	540	1.773 x 2.620	4.65
2 x 3 → 6	810	1.773 x 3.765	6.67
2 x 4 → 8	1080	1.773 x 4.910	8.70
2 x 5 → 10	1350	1.773 x 6.055	10.74
2 x 6 → 12	1620	1.773 x 7.200	12.77
3 x 2 → 6	810	2.533 x 2.620	6.64
3 x 3 → 9	1215	2.533 x 3.765	9.54
3 x 4 → 12	1620	2.533 x 4.910	12.44
3 x 5 → 15	2025	2.533 x 6.055	15.34
3 x 6 → 18	2430	2.533 x 7.200	18.24
4 x 2 → 8	1080	3.293 x 2.620	8.63
4 x 3 → 12	1620	3.293 x 3.765	12.40
4 x 4 → 16	2160	3.293 x 4.910	16.17
4 x 5 → 20	2700	3.293 x 6.055	19.94
4 x 6 → 24	3240	3.293 x 7.200	23.71

N° Moduls	Max Power	Width x Length m	Area m²
5 x 2 → 10	1350	4.053 x 2.620	10.62
5 x 3 → 15	2025	4.053 x 3.765	15.26
5 x 4 → 20	2700	4.053 x 4.910	19.90
5 x 5 → 25	3375	4.053 x 6.055	24.54
5 x 6 → 30	4050	4.053 x 7.200	29.18
6 x 2 → 12	1620	4.813 x 2.620	12.61
6 x 3 → 18	2430	4.813 x 3.765	18.12
6 x 4 → 24	3240	4.813 x 4.910	23.63
6 x 5 → 30	4050	4.813 x 6.055	29.14
6 x 6 → 36	4860	4.813 x 7.200	34.65
7 x 2 → 14	1890	5.573 x 2.620	14.60
7 x 3 → 21	2835	5.573 x 3.765	20.98
7 x 4 → 28	3780	5.573 x 4.910	27.36
7 x 5 → 35	4725	5.573 x 6.055	33.75
7 x 6 → 42	5670	5.573 x 7.200	40.13

**+ Energy + Saving - Outlay - CO<sub>2</sub>**

**CE** 2014/35/EU  
EN 50583-1

**ISO** ISO 9001  
ISO 14001  
ISO 45001

**IEC** IEC/EN 61215  
IEC/EN 61730  
IEC/EN 63092

nZEB Nearly Zero Energy Buildings

ISO 1064 Protocolo GHG

WEEE 2002/96/CE

Fast Return Of Investment material

12/25 years guarantee

Photovoltaic Architecture

High satisfaction

High resistance

Low deterioration

