

Best solution  
Better integration

# BIPV AWNING

## PV Awnings

### MATERIALS

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

### Composition:



### 18 CELLS PV PANEL

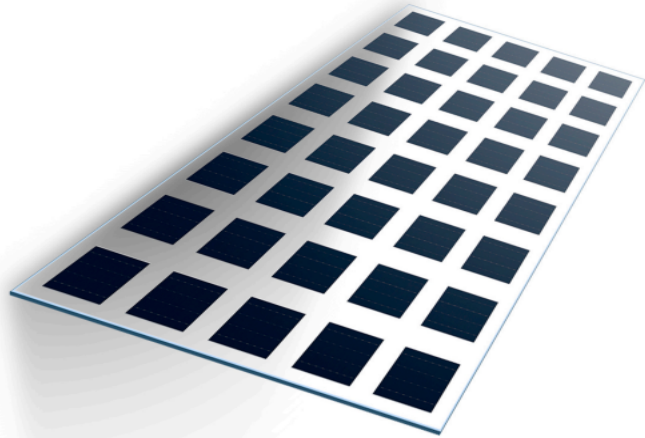
Size: 1100 x 600 x 14 mm  
Weight: 21.7 kg  
Matrix: 6 x 3  
Transparency: 33.0 %  
Power:  
M156-18-100W  
P156-18-85W

### 32 CELLS PV PANEL

Size: 1400 x 700 x 14 mm  
Weight: 32.1 kg  
Matrix: 8 x 4  
Transparency: 19.8 %  
Power:  
M156-32-175W  
P156-32-150W

### 50 CELLS PV PANEL

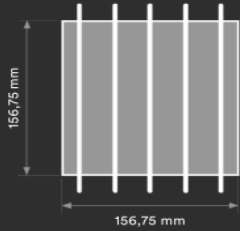
Size: 1700 x 900 x 14 mm  
Weight: 49.9 kg  
Matrix: 10 x 5  
Transparency: 19.7 %  
Power:  
M156-50-270W  
P156-50-235W



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

# BIPV

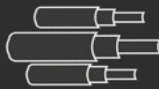
One of the great advantages of Solar architectural integration photovoltaic glasses is that they act as a filter for ultraviolet and infrared radiation, both harmful to health, in addition to generating clean and free energy thanks to the sun.



- sc-Si PV
- 5bb connection
- high efficiency

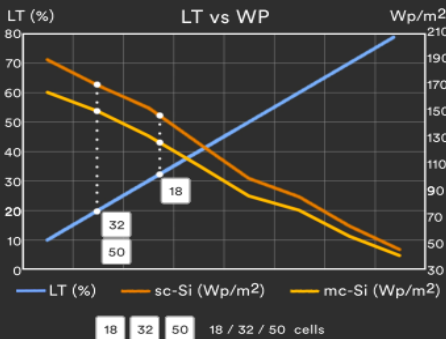
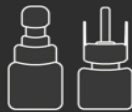
Cable:

4 mm<sup>2</sup>



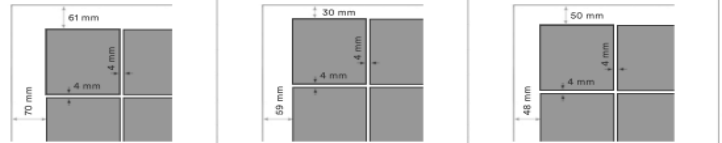
Connectors:

Type 3  
Type 4



## 4 models

Model	BIPV-CT-M156-18	BIPV-CT-P156-18	BIPV-CT-M156-32	BIPV-CT-P156-32	BIPV-CT-M156-50	BIPV-CT-P156-50
Cell type	Monocrystalline	Polycrystalline	Monocrystalline	Polycrystalline	Monocrystalline	Polycrystalline
Cells number	18 uds	18 uds	32 uds	32 uds	50 uds	50 uds
Cell size	156.75 x 156.75 mm	156.75 x 156.75 mm	156.75 x 156.75 mm	156.75 x 156.75 mm	156.75 x 156.75 mm	156.75 x 156.75 mm
Size	1100 x 600 mm	1100 x 600 mm	1400 x 700 mm	1400 x 700 mm	1700 x 900 mm	1700 x 900 mm
Thickness	14 mm	14 mm	14 mm	14 mm	14 mm	14 mm
Area	0.66 m <sup>2</sup>	0.66 m <sup>2</sup>	0.98 m <sup>2</sup>	0.98 m <sup>2</sup>	1.53 m <sup>2</sup>	1.53 m <sup>2</sup>
Power	100 Wp	85 Wp	175 Wp	150 Wp	270 Wp	235 Wp
Transparency	33.0 %	33.0 %	19.8 %	19.8 %	19.7 %	19.7 %



**+ 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



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