

Best solution
Better integration

BIPV SPANDREL

PV Spandrels

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:



12 CELLS PV PANEL

Size: 700 x 600 x 14 mm
Weight: 13.9 kg
Matrix: 4 x 3
Transparency: 29.8 %
Power:
M156-12-65W
P156-12-55W

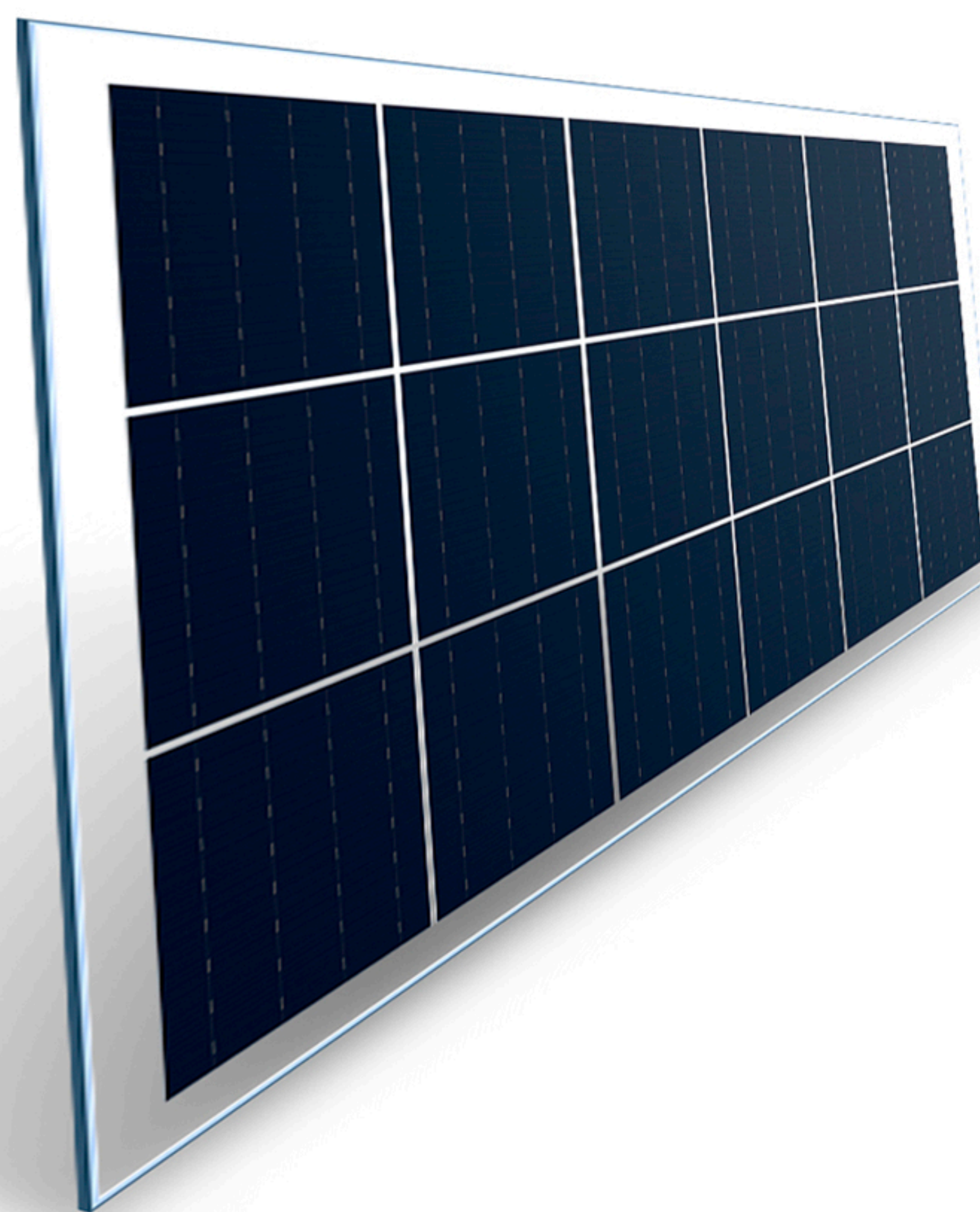
18 CELLS PV PANEL

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

24 CELLS PV PANEL

Size: 1400 x 600 x 14 mm
Weight: 27.6 kg
Matrix: 8 x 3
Transparency: 29.8 %
Power:
M156-24-130W
P156-24-115W

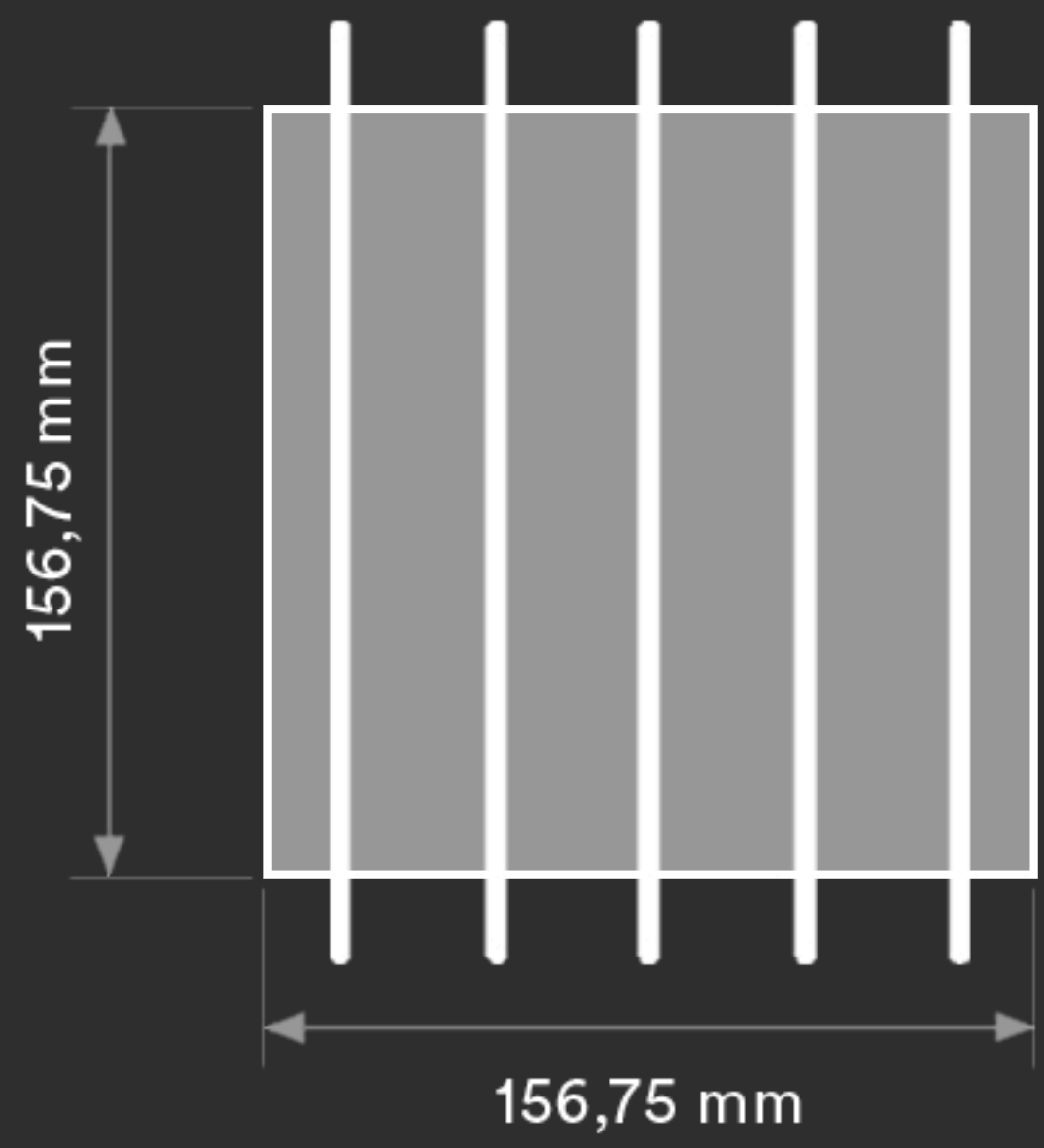
BIPV
ISRAEL



The **photovoltaic** spandrels are an alternative form to replace the materials which traditionally are only used in the construction to generate **shades**.

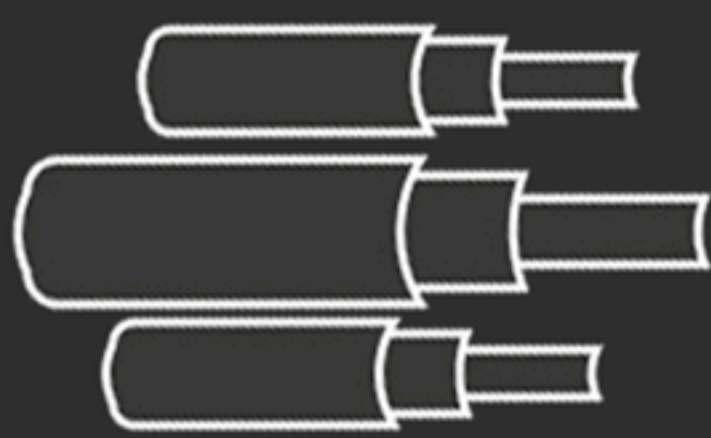
BIPV

One of the great advantages of Solar Innova's 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.

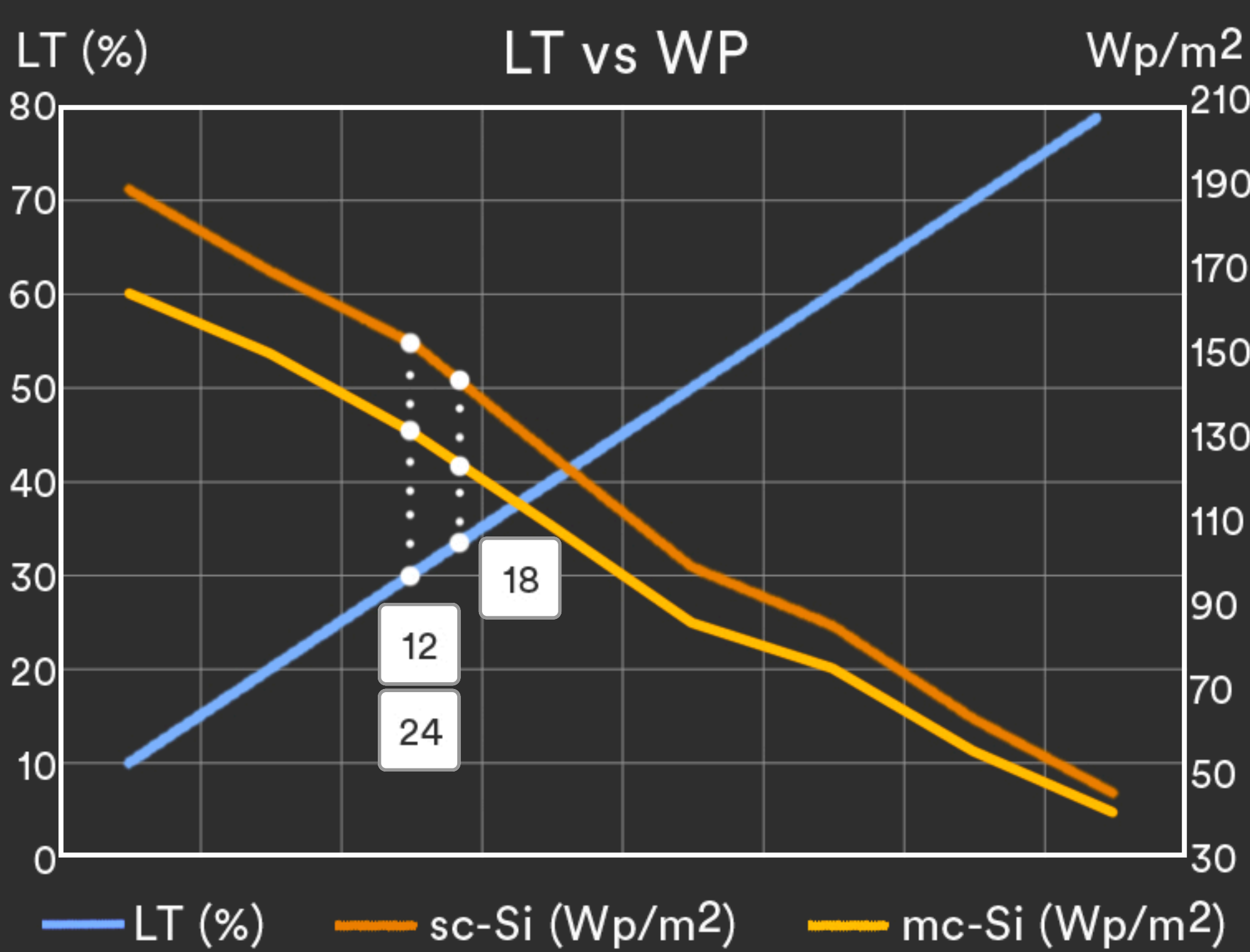
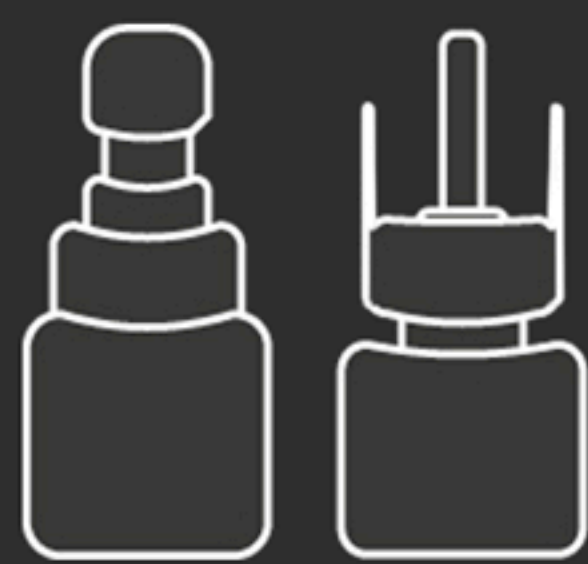


- sc-Si PV
- 5bb connection
- high efficiency

Cable:
4 mm²




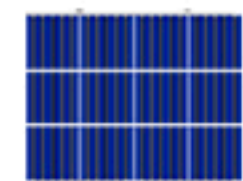

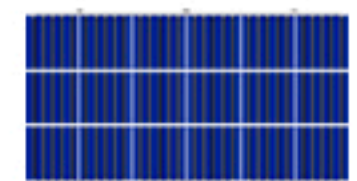
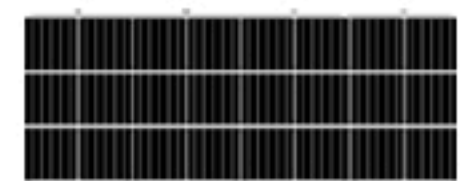
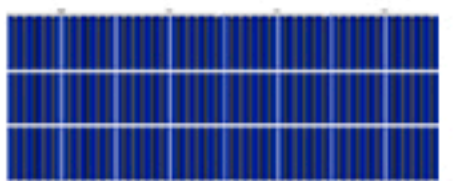
Connectors:
Type 3
Type 4

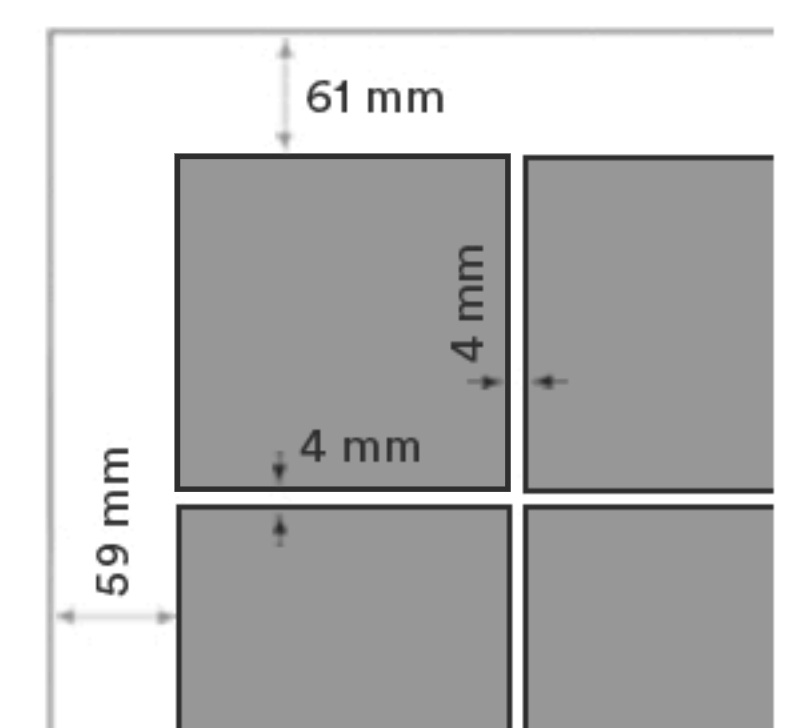
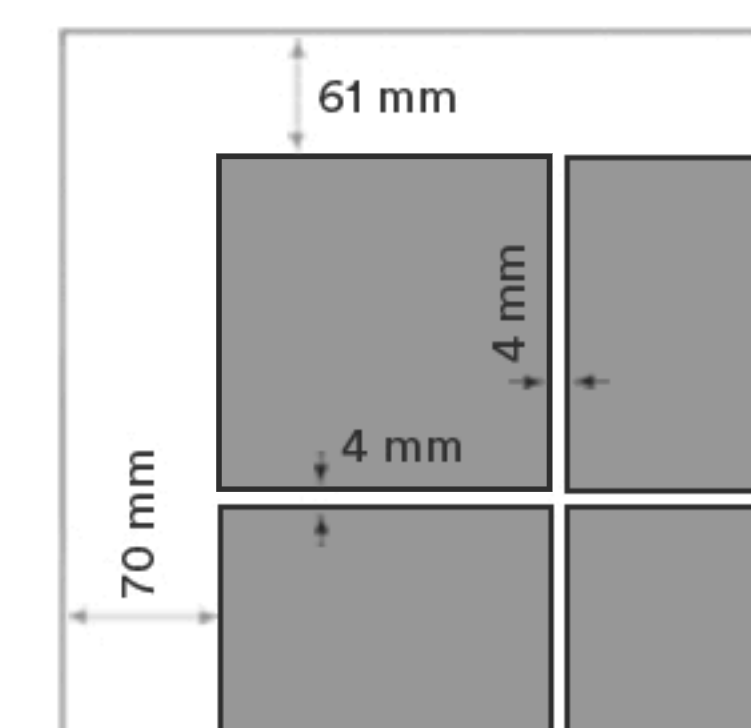
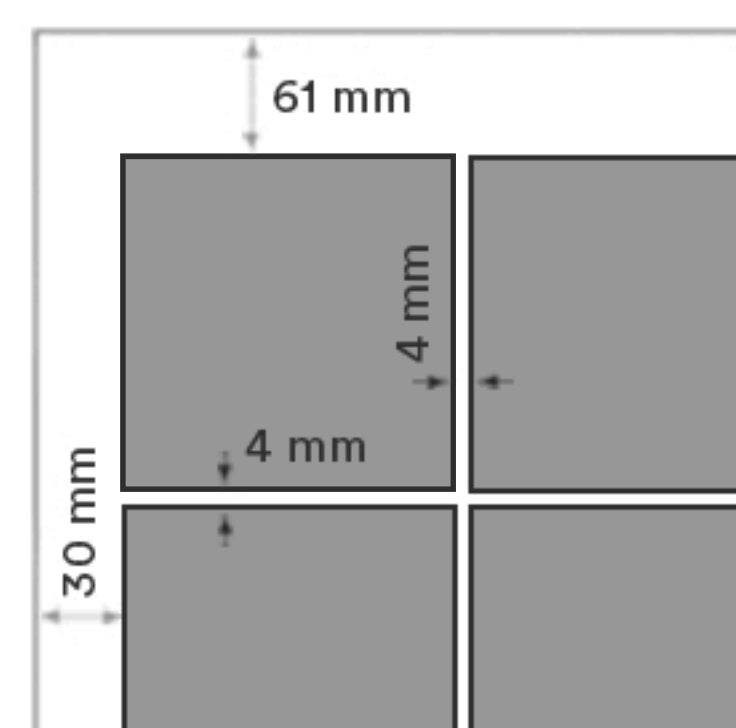


12 18 24 12 / 18 / 24 cells




6 models

						
Model	BIPV-CT-M156-12	BIPV-CT-P156-12	BIPV-CT-M156-18	BIPV-CT-P156-18	BIPV-CT-M156-24	BIPV-CT-P156-24
Cell type	Monocrystalline	Polycrystalline	Monocrystalline	Polycrystalline	Monocrystalline	Polycrystalline
Cells number	12 uds	12 uds	18 uds	18 uds	24 uds	24 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	700 x 600 mm	700 x 600 mm	1100 x 600 mm	1100 x 600 mm	1400 x 600 mm	1400 x 600 mm
Thickness	14 mm	14 mm	14 mm	14 mm	14 mm	14 mm
Area	0.42 m ²	0.42 m ²	0.66 m ²	0.66 m ²	0.84 m ²	0.84 m ²
Power	65 Wp	55 Wp	100 Wp	85 Wp	130 Wp	115 Wp
Transparency	29.8 %	29.8 %	33.0 %	33.0 %	29.8 %	29.8 %



+ Energy + Saving - Outlay - CO₂

 2014/35/EU
EN 50583-1

 ISO 9001
ISO 14001
ISO 45001

 IEC/EN 61215
IEC/EN 61730

 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

 100%
0 ... 25
Low
deterioration