

Best solution
Better integration

BIPV Fence

PV Panel

MATERIALS

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

Composition:



Size: 2000 x 1000 x 24 mm
Weight: 108.8 kg

50 158 CELLS

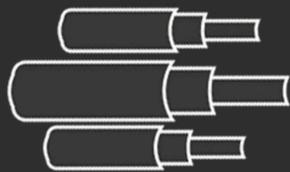
Matrix: 10 x 5
Transparency: 37.0 %
Power: 273 W

960 STRIPS CELLS

Matrix: 12 x 80
Transparency: 66.9 %
Power: 126 W

Cable:

4 mm²



Connectors:

Type 3
Type 4

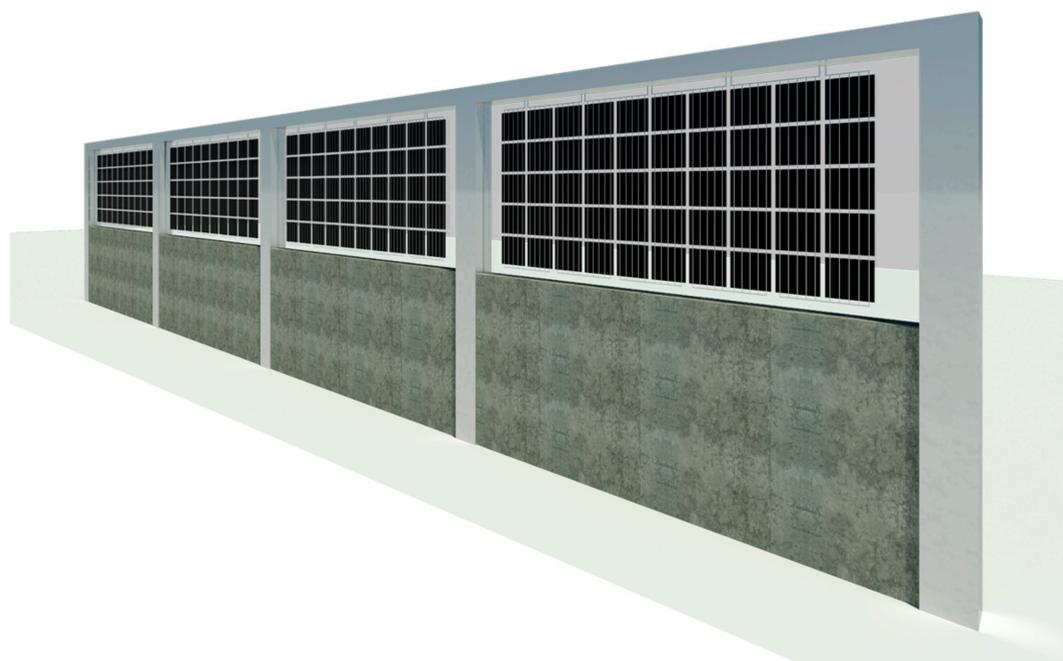


Junction Box:

Border
Back

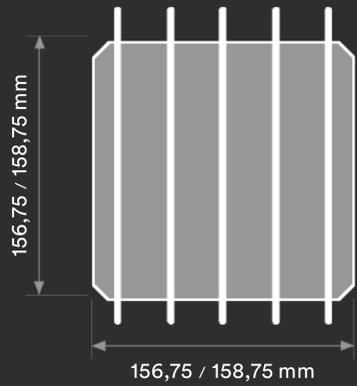


Photovoltaic fences are physical obstructions with BIPV panels designed to produce renewable energy and also reduce the noise level between noise sources and places like hospitals, schools and residential areas ...

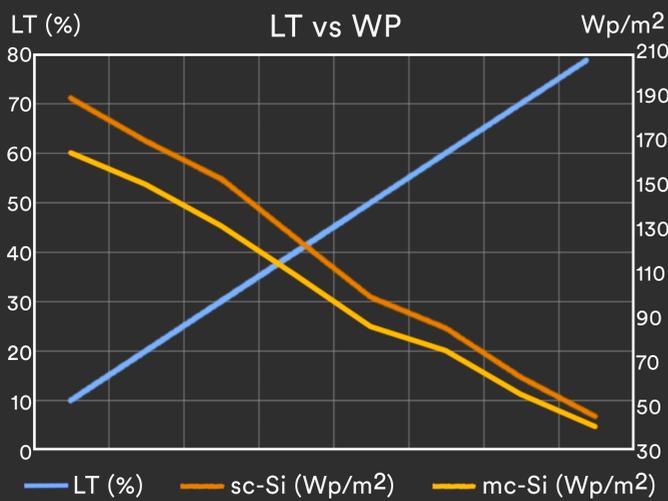
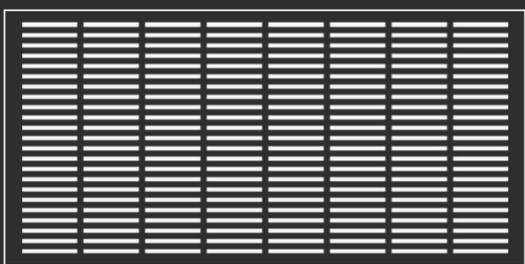
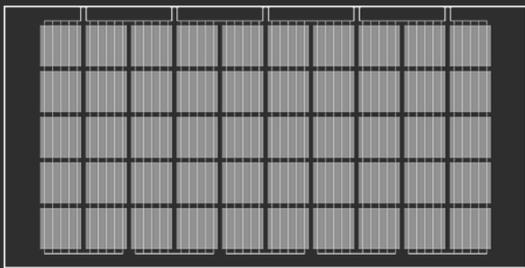


BIPV

The architectural **integration** of photovoltaic solar panels in construction makes it possible to create glazed surfaces that, in addition to being an **esthetic and functional** novelty, generate electrical energy.



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



LANDSCAPE INTEGRATION

- ✓ Raising awareness by betting on renewable energy
- ✓ Integration of renewable energy in urban environments
- ✓ Advantage of unused areas
- ✓ Amortization of economic investments

+ Energy + Saving - Outlay - CO2

- 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
- Fast Return Of Investment material
- High satisfaction
- ISO 1064 GHG Protocol
- 12/25 years guarantee
- High resistance
- WEEE 2002/96/CE
- Photovoltaic Architecture
- Low deterioration