

Barcelona
Spain



BIPV

SQUARE SALVADOR RIERA FACADE



2023

PV PANELS

SI-ESF-M-BIPV-CL-TO-RAL1011-M158-32

SI-ESF-M-BIPV-CL-TO-RAL3012-M158-32

- 6 mm tempered glass
RAL 1011
RAL 3012
- 0.76 mm PVB layer
- 0.21 mm monocrystalline PV
cells 158x158 mm
- 0.76 mm PVB layer
- 6 mm tempered glass

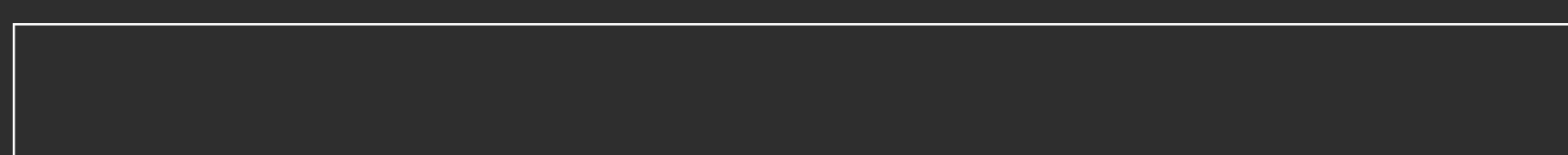
Composition:



Sizes:

730 x 1420 mm

Transparency: 0%



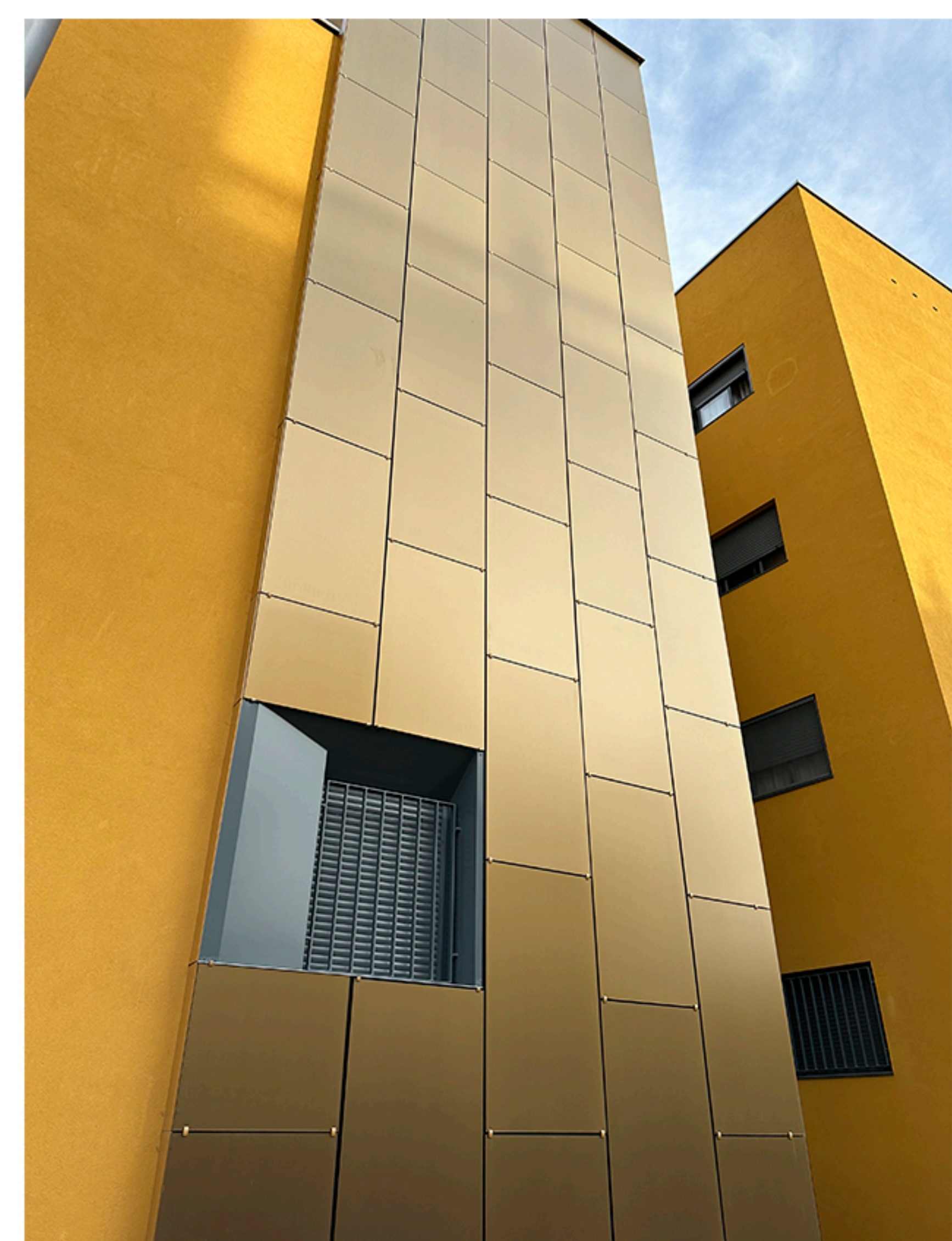
Power:

Installation Power: 18,000 Wp

Quantity: 132 pcs

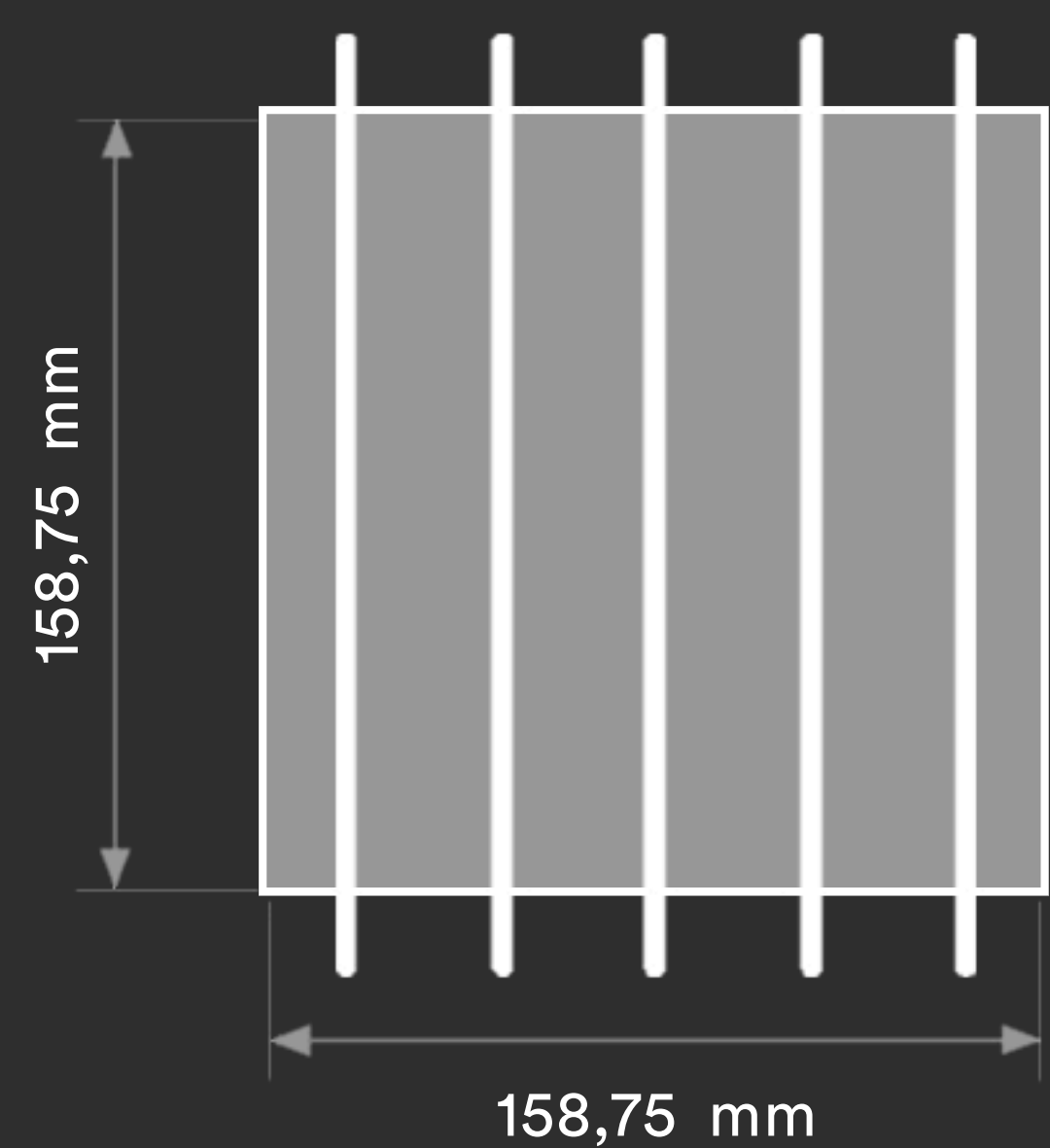


Photovoltaic facades are an alternative way to transform materials that are normally used in construction in energetically active materials for **shades**. Solar Innova total color **PV panels** are a perfect solution as they constitute a range of active technological glass capable to generate electrical energy, which can be used in **new construction** and **renovation buildings**, allowing electrical autonomy and energy savings.



BIPV

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

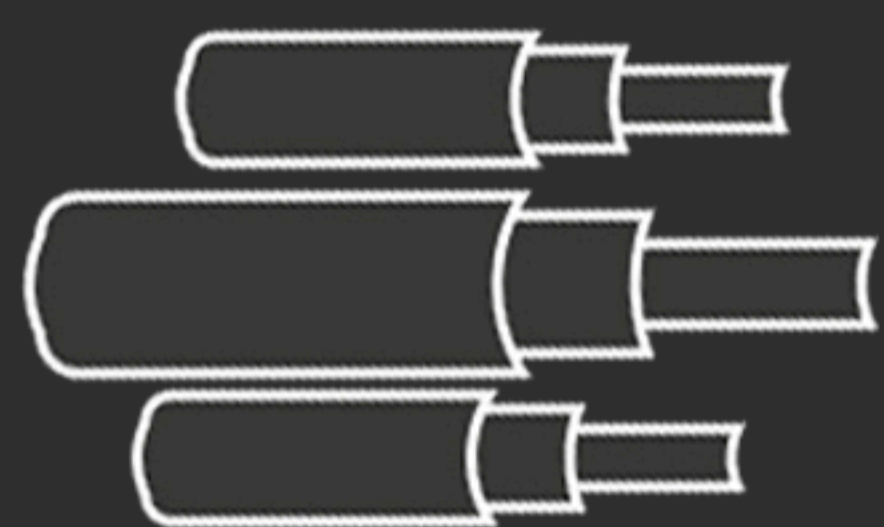


Monocrystalline
• sc-Si PV
• 5bb connection
• high efficiency

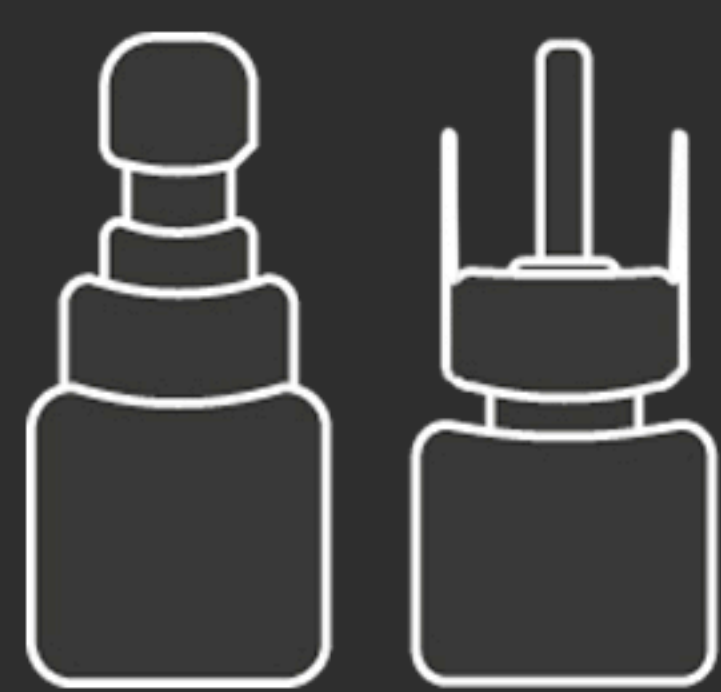
PV Panel MATERIALS

Junction Box:
Back

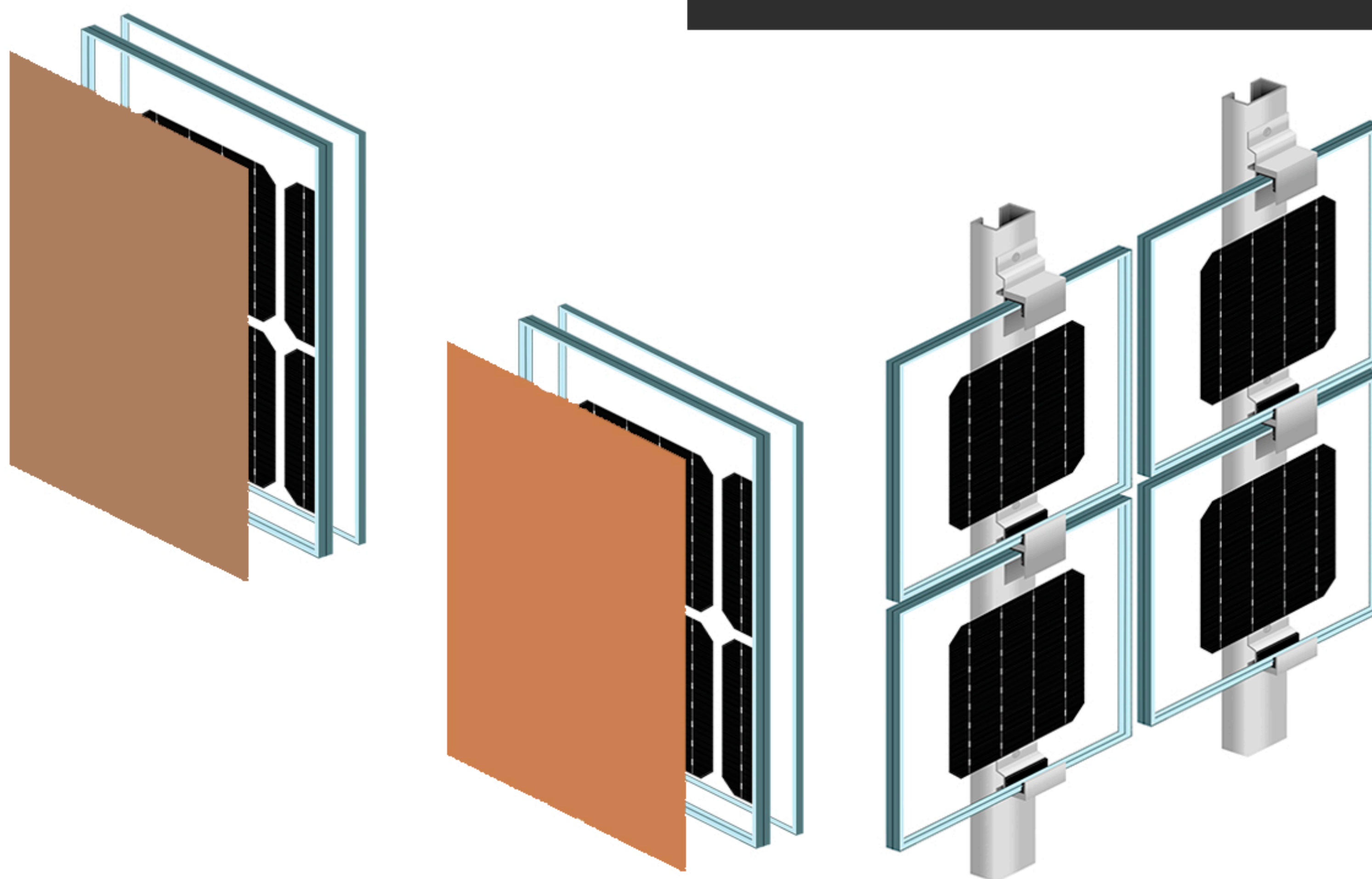
Cable:
4 mm



Connectors:
Type 4



SI-ESF-M-BIPV-CL-TO-M158-32



- ✓ 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



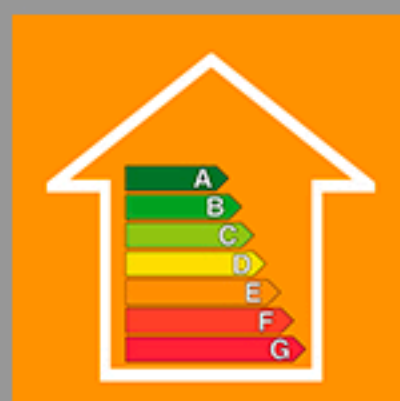
2014/35/EU
EN 50583-1
EN 14449



ISO 9001
ISO 14001
ISO 45001



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



nZEB Nearly
Zero Energy
Buildings



ISO 1064
GHG Protocol



WEEE
2002/96/EC



Fast Return Of
Investment
material



12/25 years
guarantee



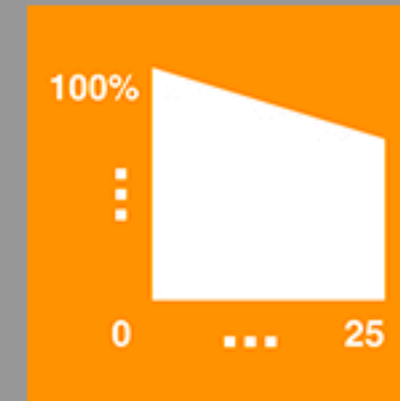
Photovoltaic
Architecture



High
satisfaction



Custom
design and
production



Low
degradation



The specifications and technical data may be subject to possible modifications without notice.