Best solution
Better integration

BIPV RAILINGS

PV Railings

MATERIALS

- 10 mm tempered glass high-transparency
- 0.76 mm PVB layer
- 0.21 mm monocrystalline PV cells 156x156 mm
- 0.76 mm PVB layer
- 10 mm tempered glass

Composition:

Size: 1000 x 1260 x 22 mm
Weight: 66.5 kg

28 CELLS RAILING

Matrix: 4 x 7
Transparency: 45.4 %
Power: M156-28-148W
P156-28-131W

30 CELLS RAILING

Matrix: 6 x 5
Transparency: 41.5 %
Power: M156-30-158W
P156-30-142W

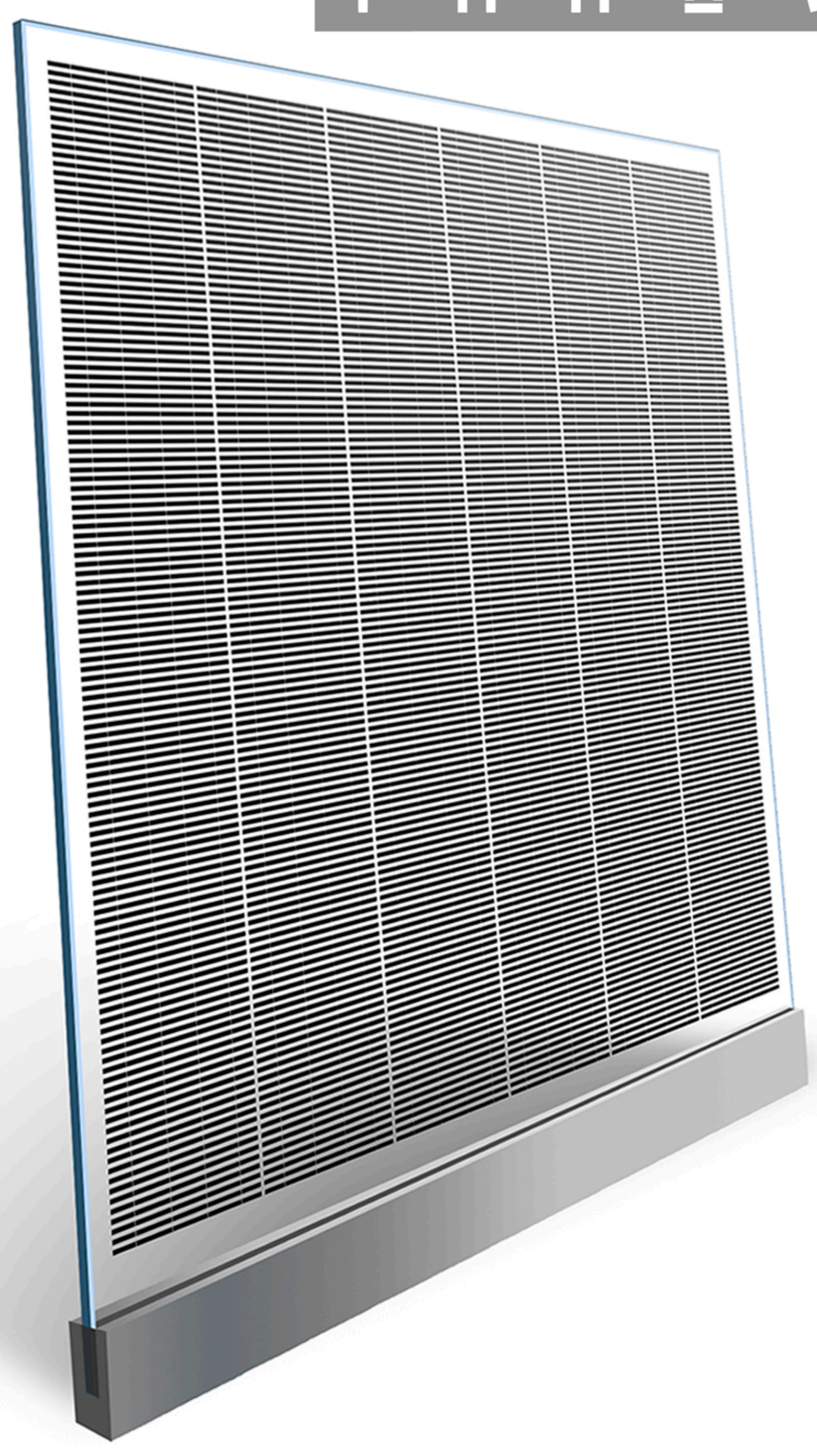
42 CELLS RAILING

Matrix: 6 x 7
Transparency: 18.1 %
Power: M156-42-222W
P156-42-198W

750 CELLS RAILING

Matrix: 6 x 125
Transparency: 53.3 %
Power: M156-750-103W
P156-750-90W

Solar railings 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.

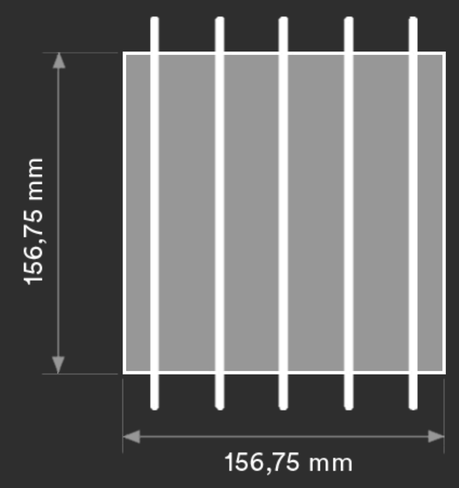


www.solarinnova.net

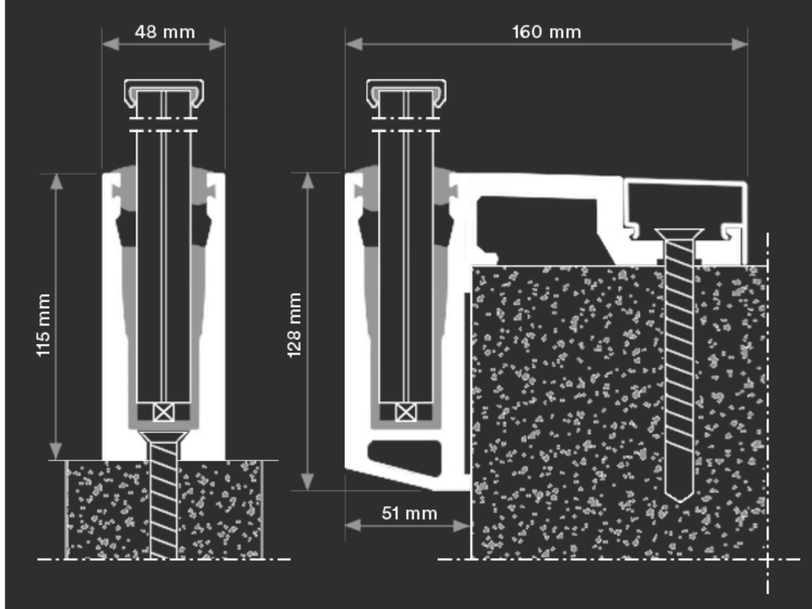
Paseo de los Molinos, 12. 03660 - Novelda (Alicante) SPAIN

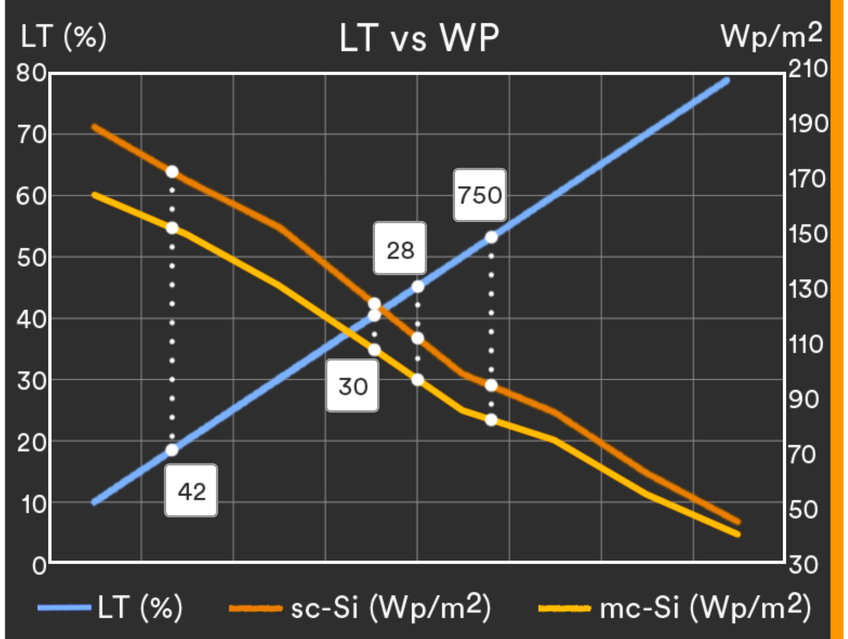
BIPV

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

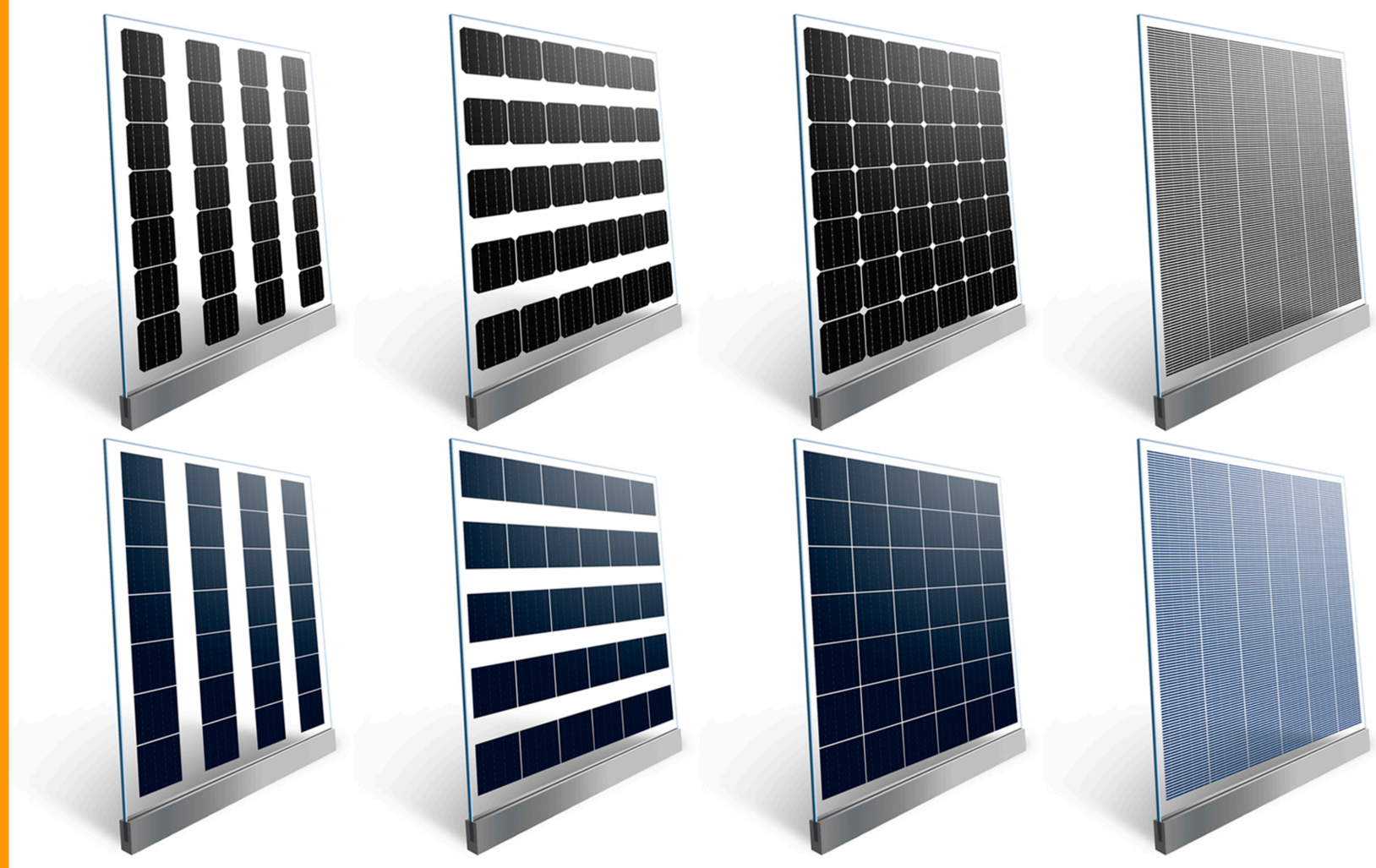


- sc/mc-Si FV
- 5bb connection
- high efficiency



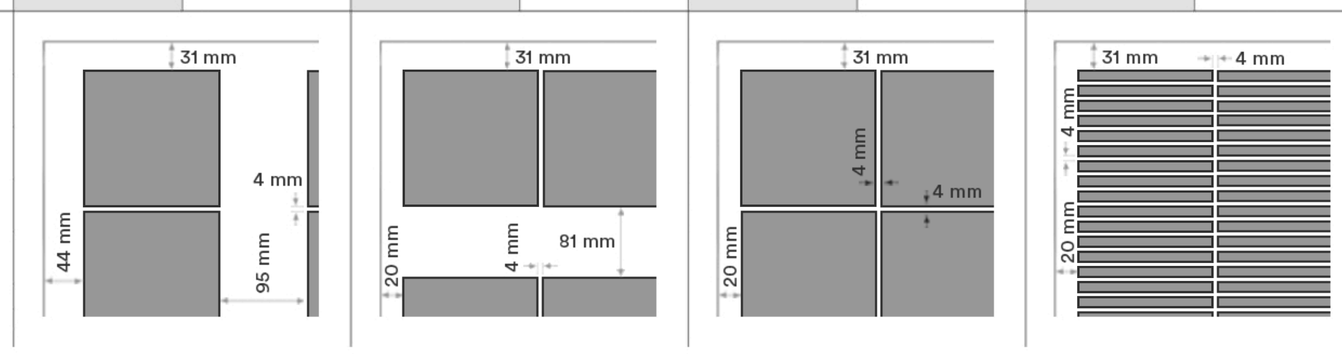


28 30 42 750 28 / 30 / 42 / 750 cells



8 models

Model	BIPV-BL-M156-28	BIPV-BL-P156-28	BIPV-BL-M156-30	BIPV-BL-P156-30	BIPV-BL-M156-42	BIPV-BL-P156-42	BIPV-BL-M156-750	BIPV-BL-P156-750
Cell type	Monocrystalline	Polycrystalline	Monocrystalline	Polycrystalline	Monocrystalline	Polycrystalline	Monocrystalline	Polycrystalline
Cells number	28 uds	28 uds	30 uds	30 uds	42 uds	42 uds	750 uds	750 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	156.75 x 5 mm	156.75 x 5 mm
Size	1000 x 1260 mm	1000 x 1260 mm	1000 x 1260 mm	1000 x 1260 mm	1000 x 1260 mm	1000 x 1260 mm	1000 x 1260 mm	1000 x 1260 mm
Thickness	22 mm	22 mm	22 mm	22 mm	22 mm	22 mm	22 mm	22 mm
Power	148 Wp	131 Wp	156 Wp	140 Wp	222 Wp	196 Wp	103 Wp	90 Wp
Transparency	45.40 %	45.40 %	41.50 %	41.50 %	18.10 %	18.10 %	53.35 %	53.35 %



+ Energy + Saving – Outlay – CO_2

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/CE

Fast Return Of Investment material

12/25 years guarantee

Photovoltaic Architecture

High satisfaction

High resistance

Low deterioration