

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

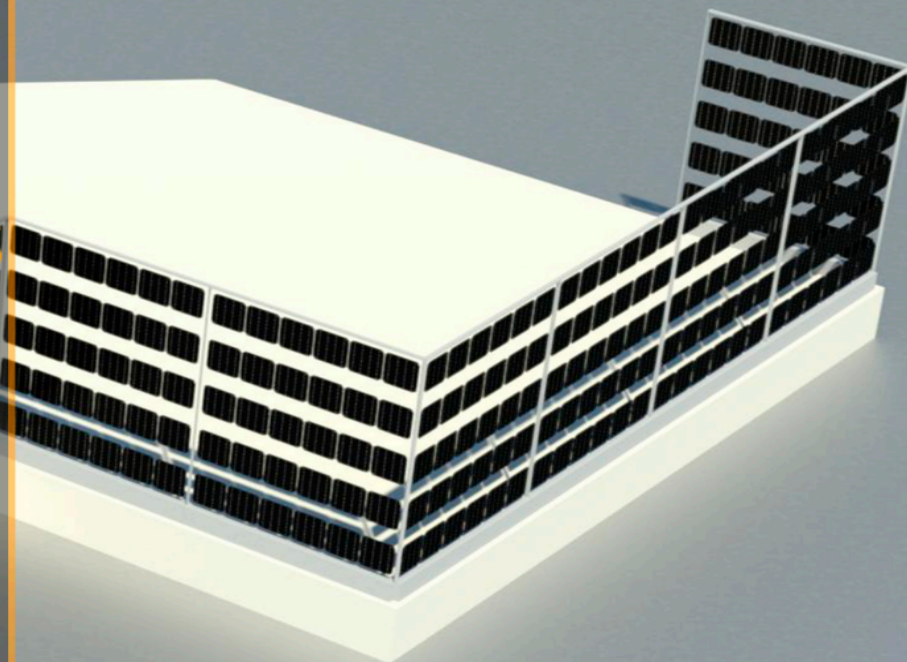
Matrix: 6 x 5  
Transparency: 41.5 %  
Power: M156-30-158W  
P156-30-142W

### 42 CELLS RAILING

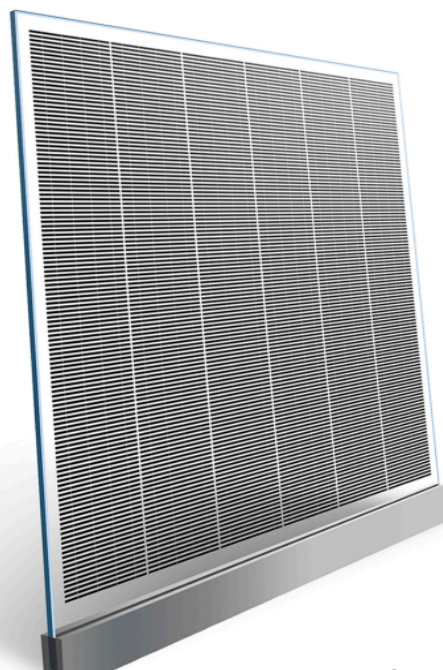
Matrix: 6 x 7  
Transparency: 18.1 %  
Power: M156-42-222W  
P156-42-198W

### 750 CELLS RAILING

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

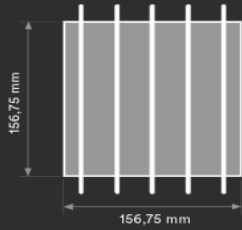


**S**olar railings are a perfect solution as they constitute a range of active technological glass capable to generate electrical energy, which can be used in **new construction** and **renovation buildings**, allowing electrical autonomy and energy savings.

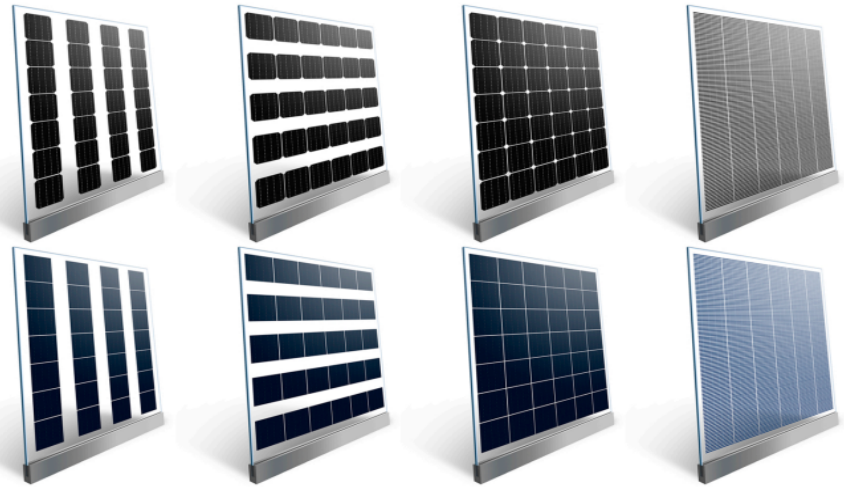
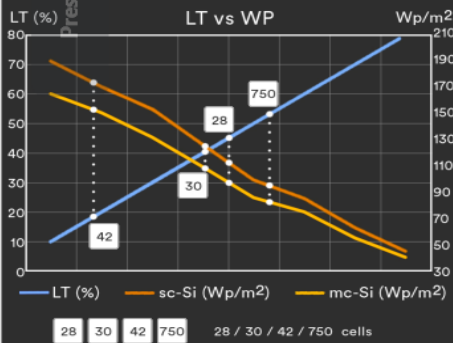
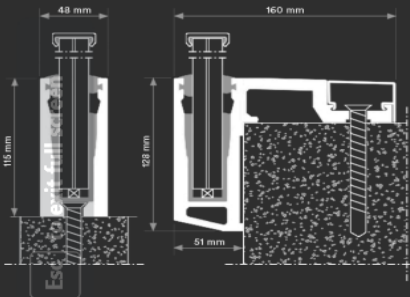


# BIPV

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.

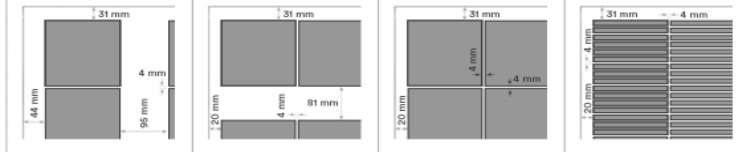


- sc/mc-Si FV
- 5bb connection
- high efficiency



## 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 6 mm	156.75 x 6 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 - CO2**

CE 2014/35/EU  
EN 50583-1

ISO 9001  
ISO 14001  
ISO 45001

IEC 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



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