

Best solution  
Better integration

# BIPV CURTAIN WALL

## PV Panel

### MATERIALS

- 3 - 12 mm tempered glass  
high-transparency
- 0.76 mm PVB layer
- 0.21 mm PhotoVoltaic cells
- 0.76 mm PVB layer
- 3 - 12 mm tempered glass

### COMPOSITION



### Insulation Chamber/s:

- 6/9/12/15 mm (air/argon)

PV IC Glass



PV IC Glass IC Glass



### Size:

Min: 180 x 180 mm  
Max: 4500 x 2500 mm

### Junction Box:

Border  
Back

### Cable:

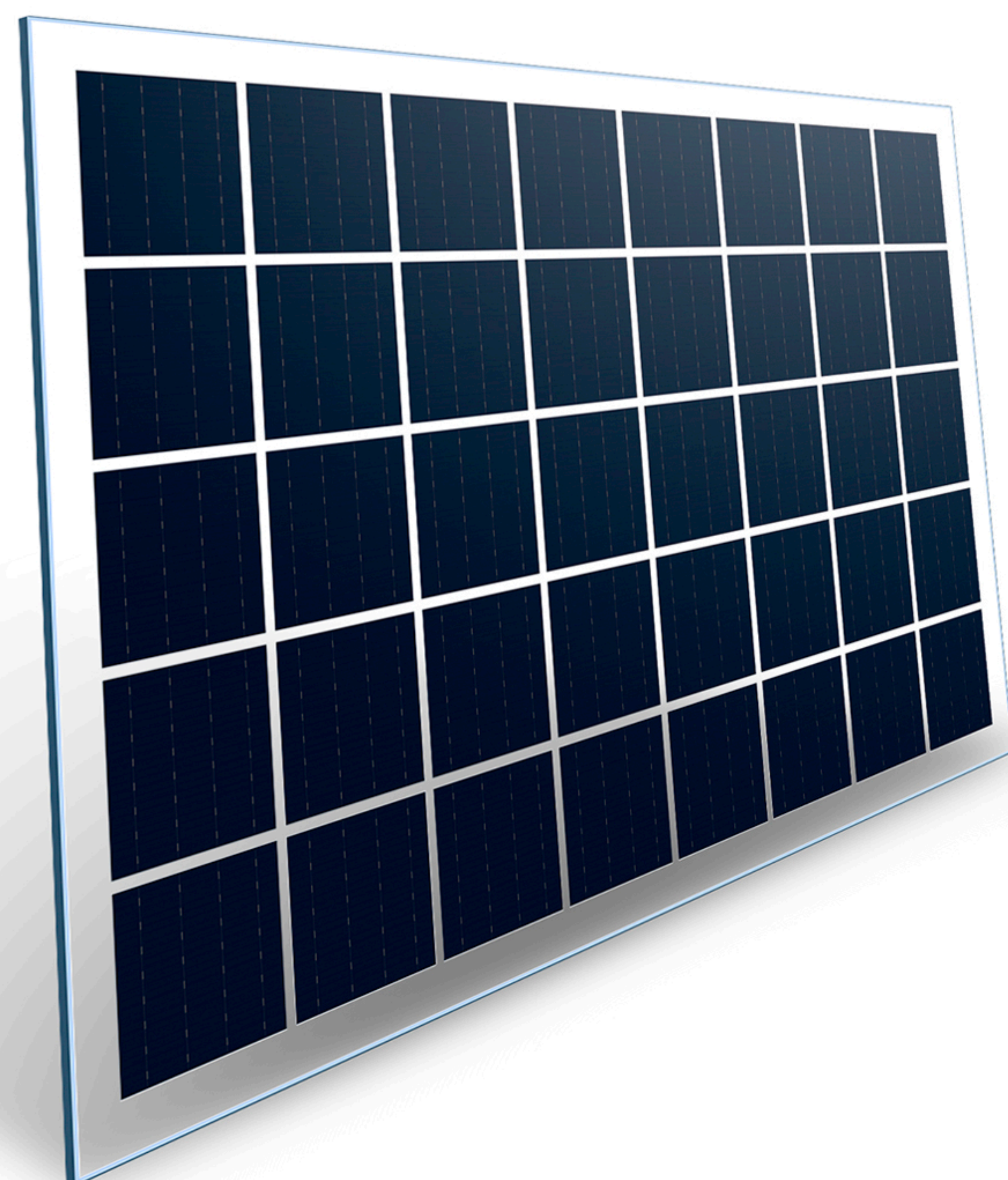
4 mm<sup>2</sup>

### Connectors:

Type 3  
Type 4



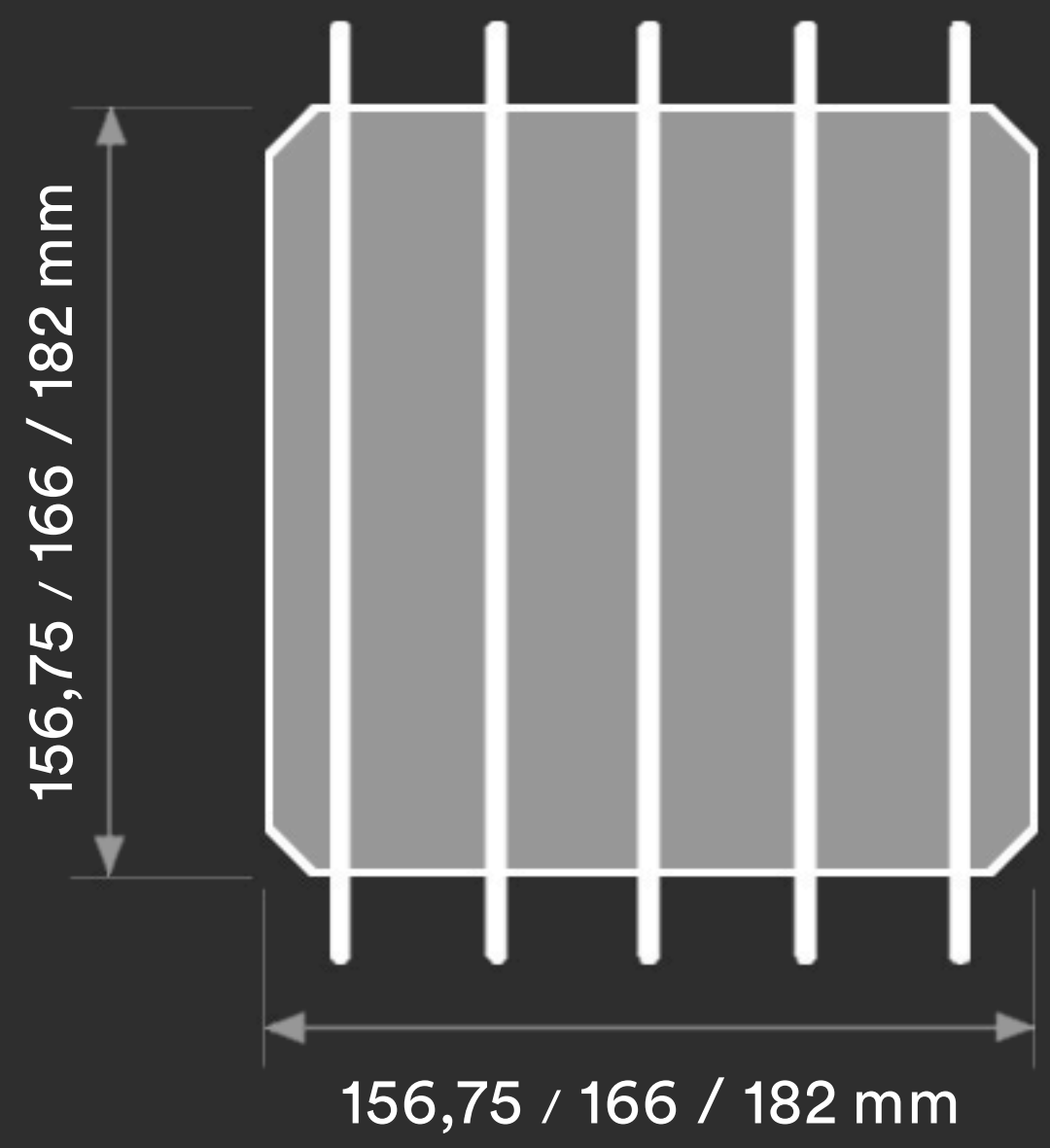
**S**olar **Curtain Wall** are a perfect solution as they constitute a range of active technological glass capable to generate electrical energy, which can be used in **new construction** and **renovation buildings**, allowing electrical autonomy and energy savings.



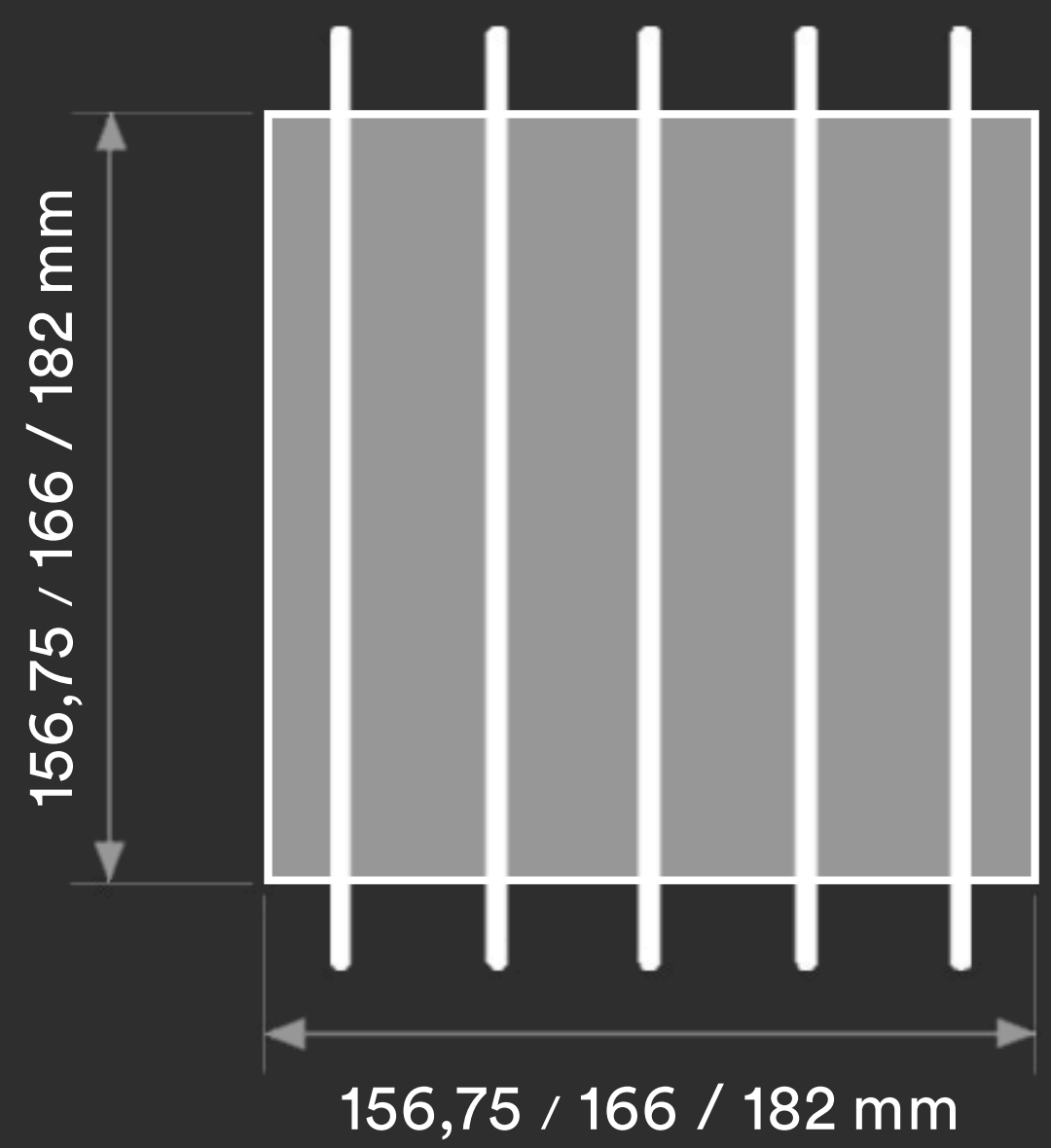


# BIPV

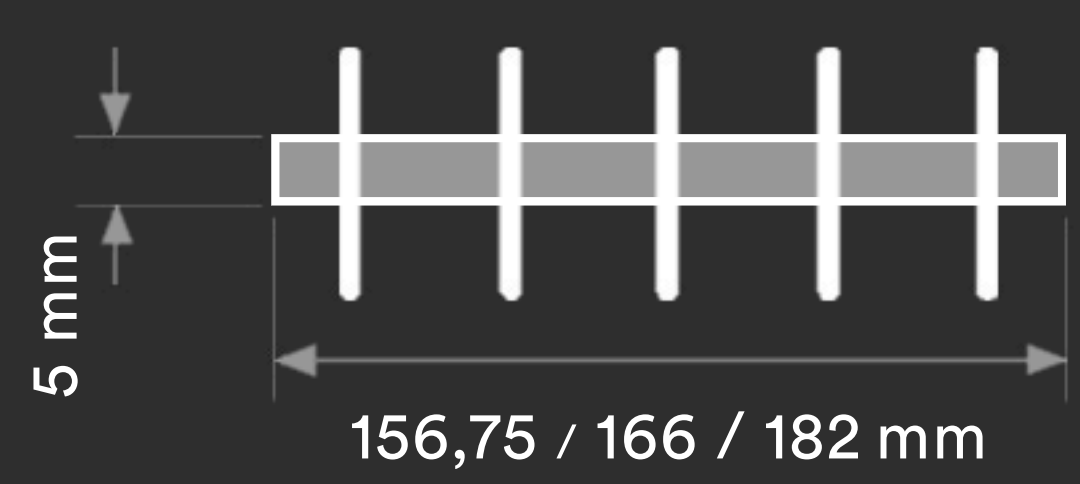
The architectural **integration** of photovoltaic facades in construction makes it possible to create glazed surfaces that, in addition to being an **esthetic and functional** novelty, generate electrical energy.



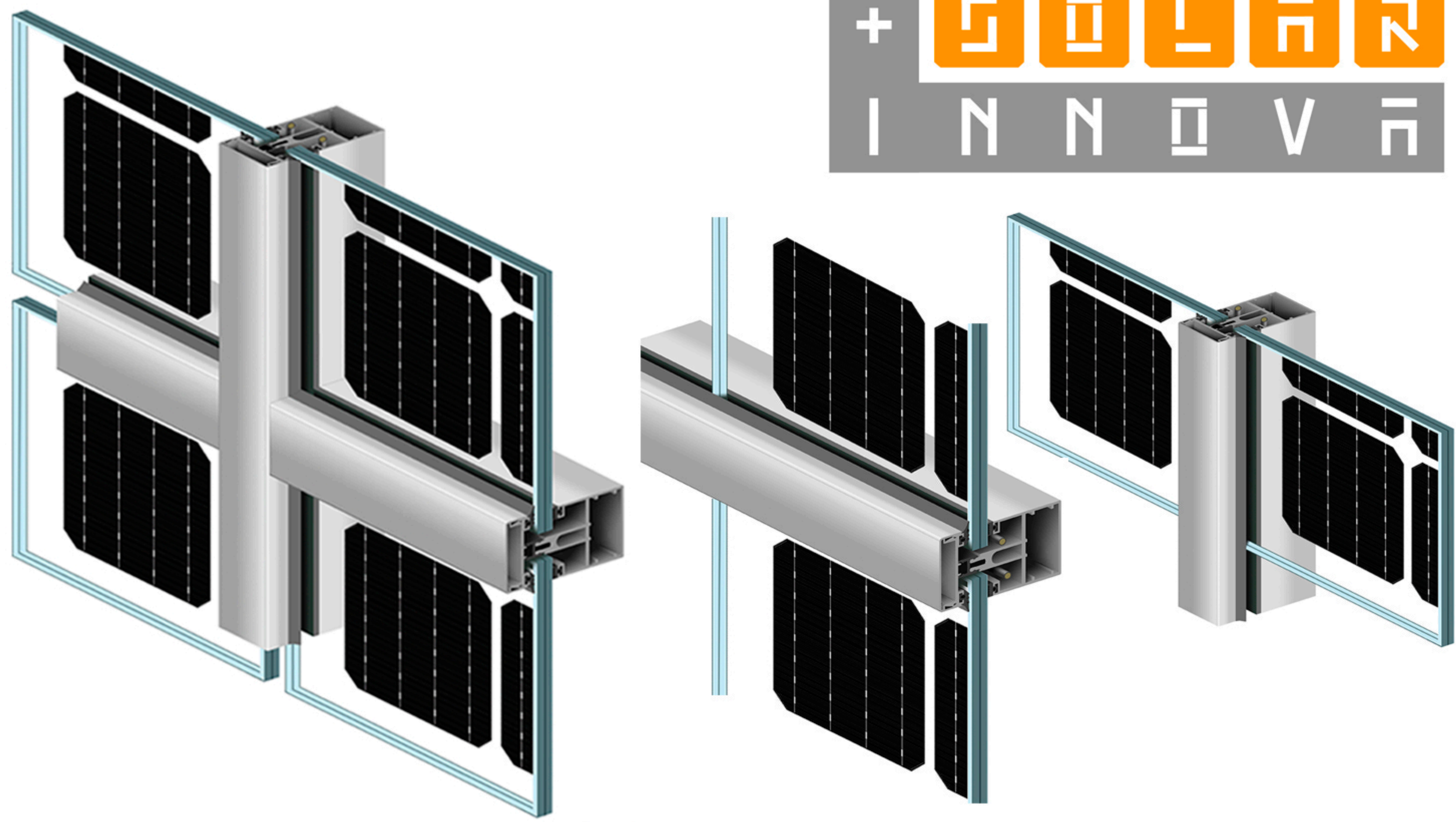
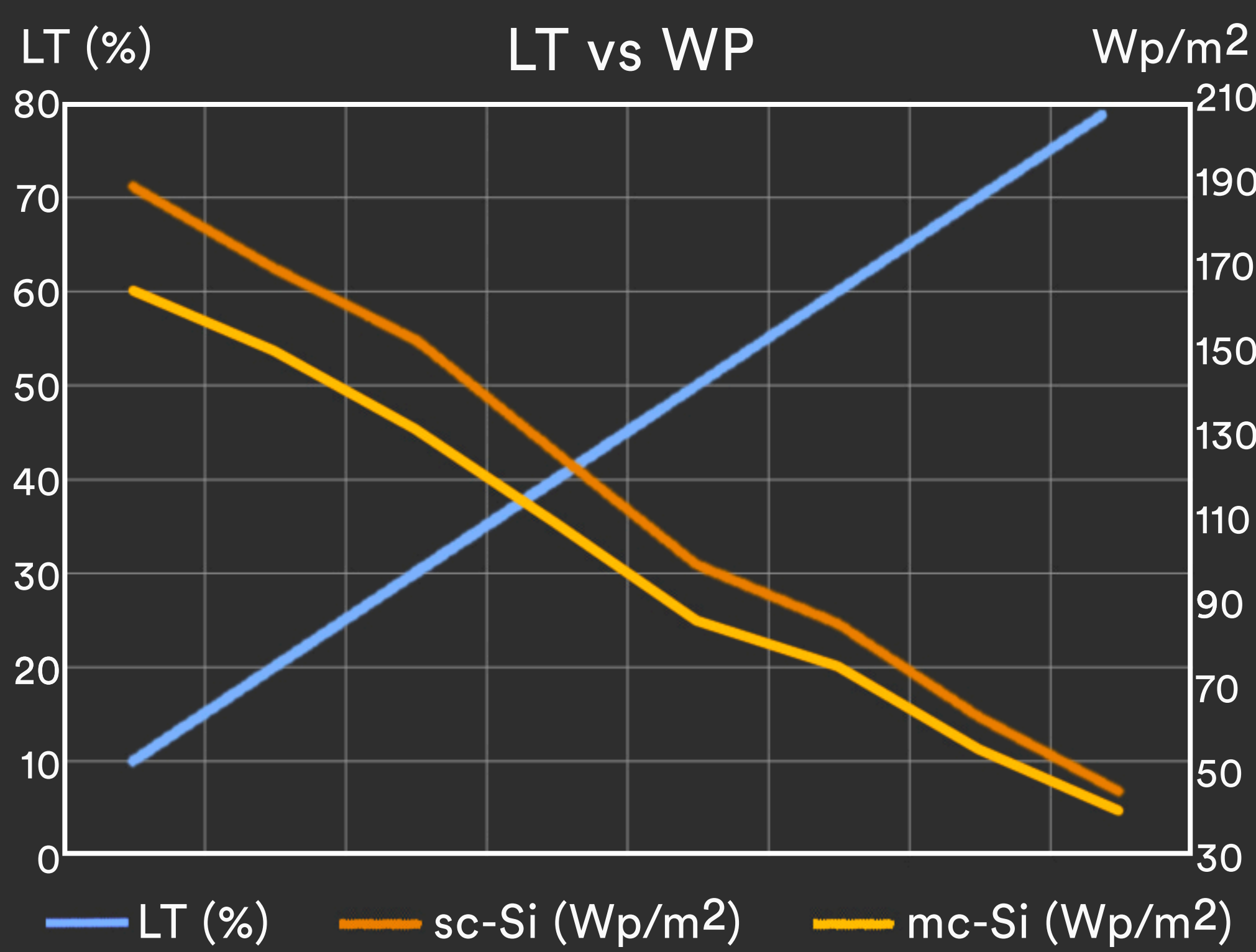
**Monocrystalline**  
 • sc-Si PV  
 • 5bb connection  
 • high efficiency



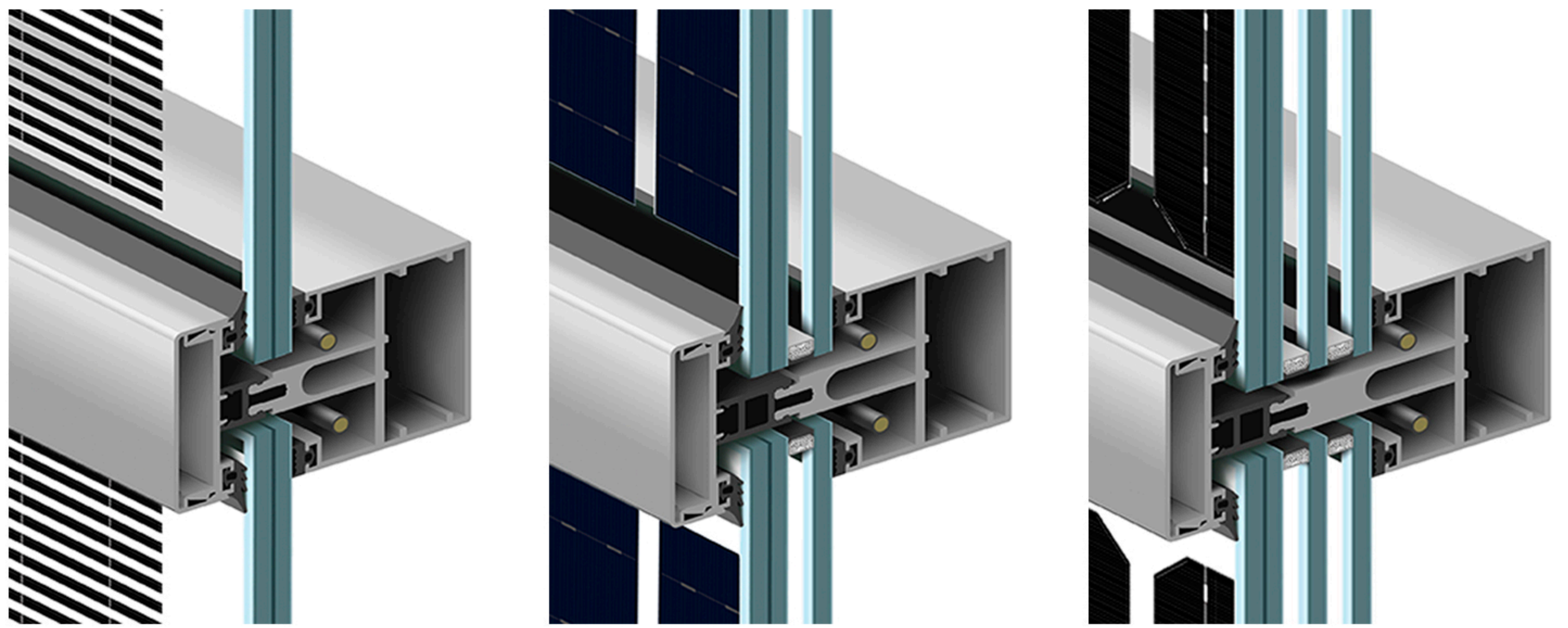
**Polycrystalline**  
 • mc-Si PV  
 • 5bb connection  
 • high efficiency



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

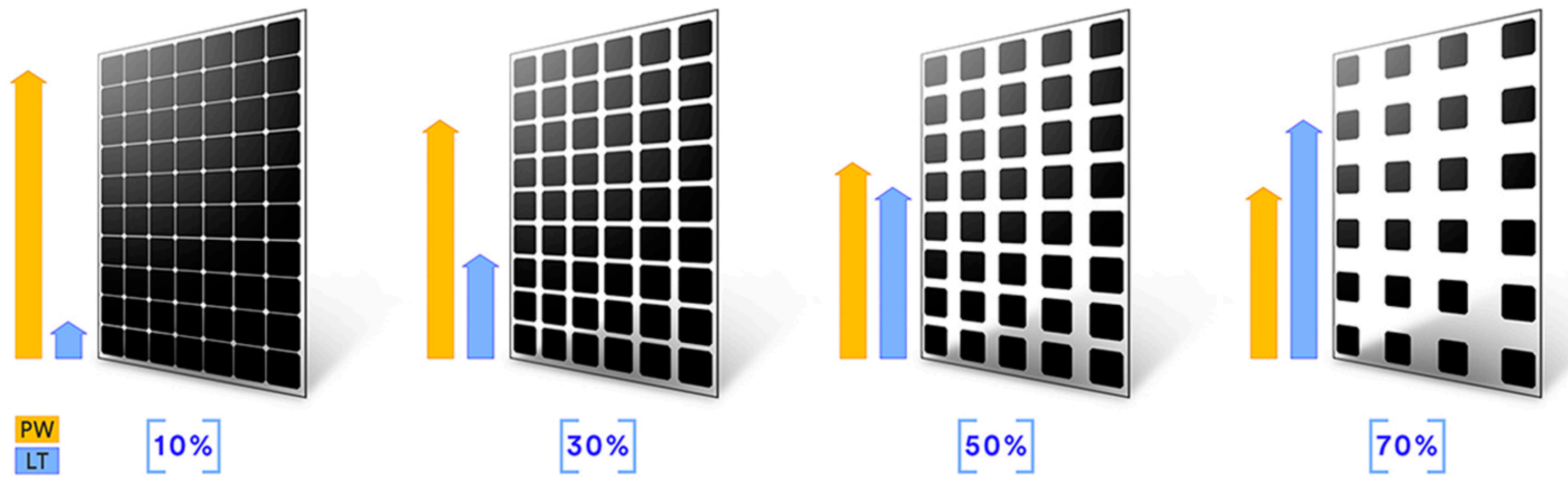


## Mullions & Transoms



## Thickness & Insulation

### Customized Transparency



**+ 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

**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**

