

# isoPV+ SOLAR GLASS

## INSULATING GLASS WITH INTEGRATED GLASS-GLASS PV MODULE

Integration of photovoltaics in the facade with visually appealing PV insulating glass from isophon

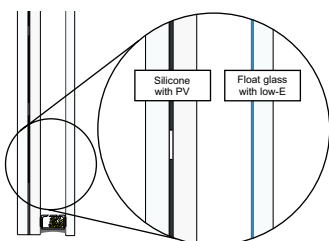
Overview

- Integration of PV into the most demanding glass facades as double or triple insulating glass
- Can be combined with all sun protection coatings and with optional sound insulation and Low-E
- High-quality and visually appealing glass-glass PV modules
- Available as insulating glass or as laminated glass for cold roofs and balcony parapets

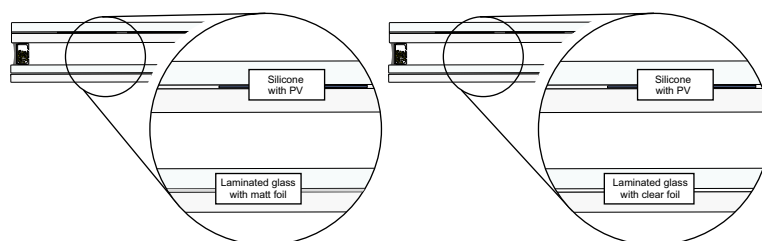
isoPV+ is the long-awaited possibility of integrating photovoltaics into the insulating glass of the facade. The use of high-quality PV modules as an outer pane gives the building a special appearance.

isoPV+ is available in combination with any double or triple glazing with sound insulation and sun protection as well as low-E coatings.

### isoPV+ FACADE



### isoPV+ HORIZONTAL INSTALLATION



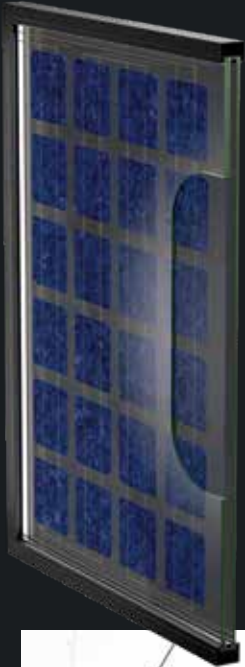
## GLASS-GLASS PV MODULES FOR OPTIMAL SERVICE LIFE AND PERFECT APPEARANCE

The PV cells are embedded in the glass composite with a special silicone layer. In contrast to the hard composite materials commonly used, silicone is soft and ultimately ensures optimal durability and long-lasting perfect transparency.

The PV modules are configurable: The cells are available with dense layout without gaps or can be manufactured with a spacing and corresponding partial shading. This creates a very special sun protection that also feeds renewable energy into the power grid.

## SUSTAINABLE CONSTRUCTION WITH PV FACADE

With isoPV+ insulating glass the CO<sub>2</sub> footprint of the entire building can be elegantly reduced and the PV modules are seamlessly integrated into the facade.



### Technical specifications:

Sizes:

up to 5000 mm x 2000 mm