

# SOLAR MODULE PEAK IN

glass/glass solar modules for grid connected  
pv systems

**PEAK IN** stands for building integrated and high fashion photovoltaic (BIPV) solar modules as a regular and multifunctional building material. The solar modules become an integral part of the building skin.



### Smart ideas for building integrated photovoltaic

- Custom-made according to the requirements of architects and clients
- Shadowing with semi-transparent glass/glass modules
- Thermal (u - and g - value) controlled by optimal balance of transparency and shading
- Daylight control by using different transparencies of solar modules
- Noise protection
- Environmentally energy production
- Flexible, innovative, and aesthetic solutions

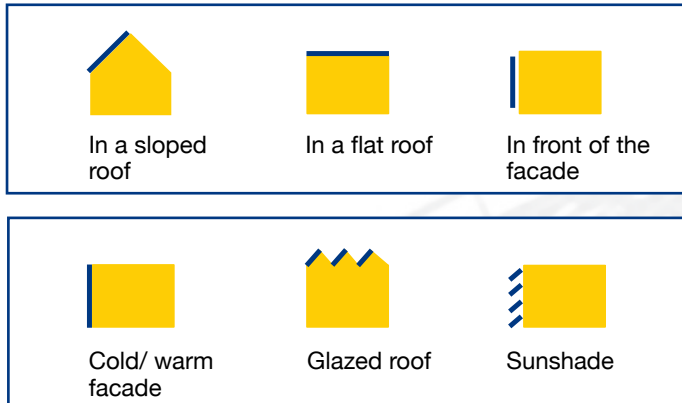


Crystal Garden, Taiwan



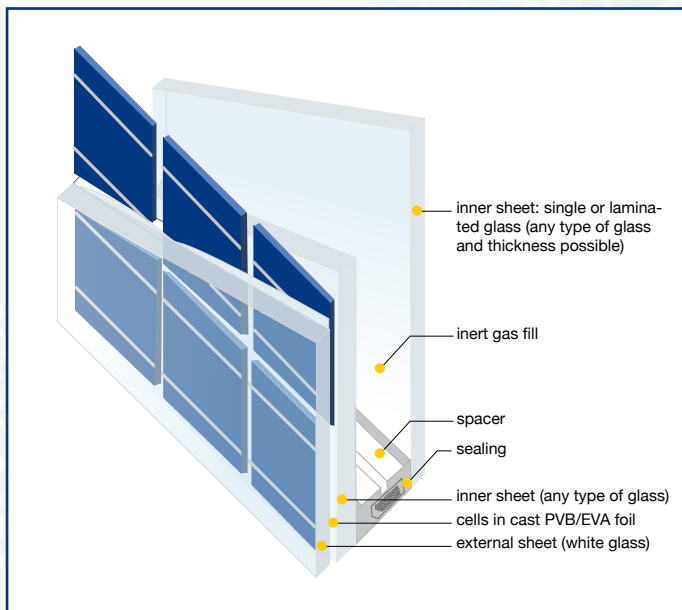
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### Glazing applications with BIPV

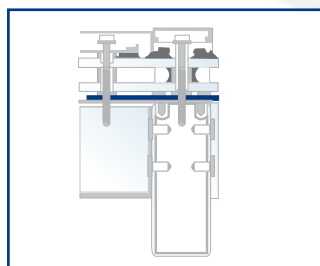
- Solar canopies
- Atria and skylights
- Curtain wall solar facades
- Warm and cold solar facades
- Roof integrated systems
- Balconies



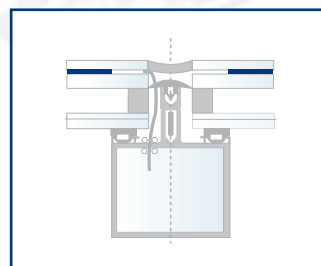
### A2peak offers the following options

- Flexible size up to 3000 x 2000 mm
- Different types of solar cells; mono, poly, amorphous
- Various cell sizes; 125 x 125, 156 x 156, full square, or rounded corners
- Glass thickness from 3.2 - 10 mm
- Variation of embedding material PVB or EVA
- Option for construction - glass/glass, insulation glass, glass/transparent tedlar, etc...
- Variation of cell and string spacing in a range of 2 - 40 mm

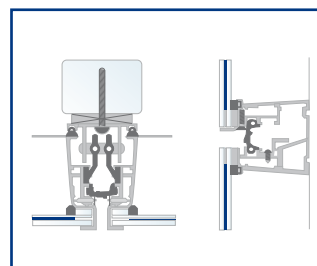
### Mounting System



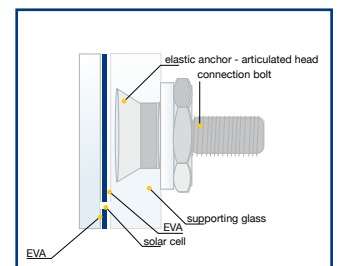
Steel mullion-transom stick system with a narrow face width.



Silicone joint.



SSG facade with glass-glass module.



Module anchoring with undercut borehole