

ActiSolar Collection Clear

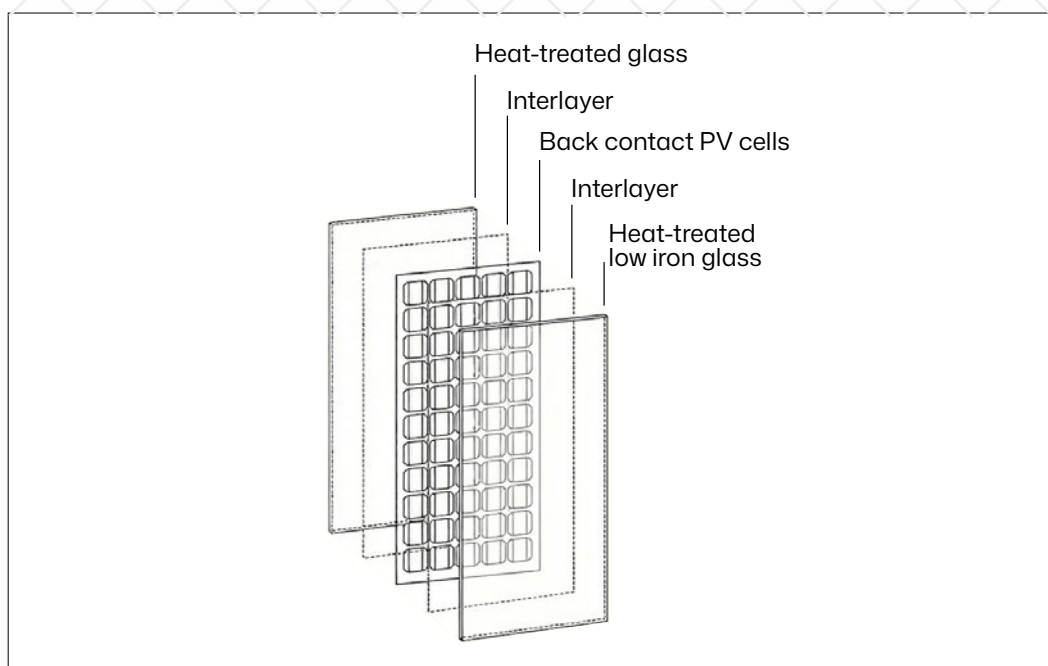


Where glass meets photovoltaic

PV cells embedded in the glass convert the sun rays into electricity while allowing daylight to pass through the module. The photovoltaic cells remain visible and opaque, clearly expressing the energy-producing function of the façade.

Characteristics

- 2 transparent laminated glass panes (possibly integrated to make a Double Glass Unit)
- PV cells are encapsulated between the 2 glass panes
- Distance between cells controllable to a certain extend allowing light to go through
- Power output depending on level of transparency



	ClearGrid	Glass
Composition	Exterior	Glass Extra Clear
	Interlayer	EVA
	Interior	Glass Clear/extra clear
	Insulating glass	IGU or TGU
	Frame	On demand
	Min. size (mm)	400 x 400
	Max. size (mm)	3800 x 2400 ¹
	Min. thickness (mm)	4 + 4 mm
	Max. thickness (mm)	12 + 15 mm
	Transparency	10 to 90%
	Shapes	Rectangular/polygonal
Electricity	Type of cell	High-performance PERC cells; Back contact cells
	Power (Wp/m ²)	Up to 180Wp/m ²
	Junction Box	Edge or back
	Typical cable length	2 x 1m
	Cell size (mm)	G1: 158.75 x 158.75/M6: 166 x 166/M10 HC: 91 x 182
Installation	Attachment method	Unitized; Stick; Structural; Spider
	IEC certifications	Family certification per IEC 61215 - IEC 61730
Warranty	Product warranty	10 years
	Performance warranty	10 years - 90% nominal power. 25 years - 80% nominal power

¹ Can be increased to 4600 X 2500 for orders of 3000m² or more