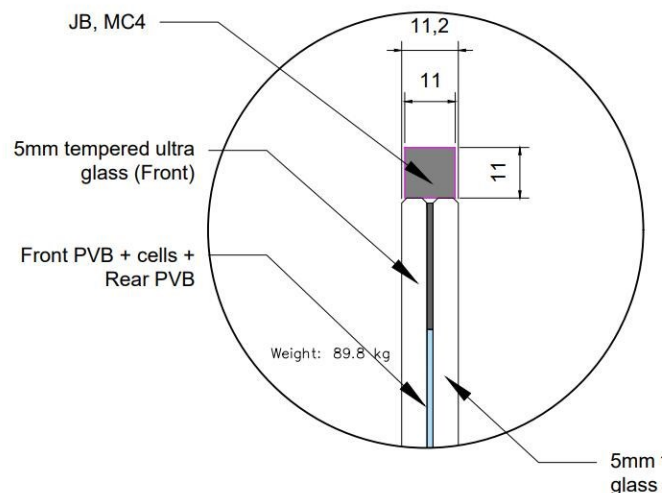
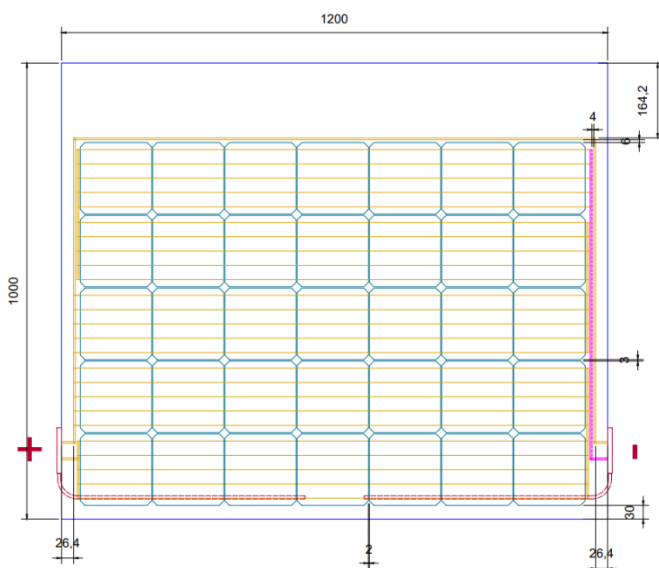


BIPV

BIPV Balcony Solar Module

- **Elegant and Compact Design** One of the main advantages in solar architecture. Aesthetic appeal without metal wire exposition
- **Reliable performance** Dual glass structure guarantees lower crack and no diffusivity, also better corrosion resistance and less risk in transportation
- **A Wide Range of Colors** A rich palette of colors that fits different architectural styles.
- **Power Generated Building** Integrated power generator can meet the requirements for energy-saving buildings
- **Higher Efficiency** More cells per unit area and higher module efficiency thanks to a higher-density cell arrangement
- **First-class safety** Double layers of tempered glass with fire safety class A, enhanced wind load, heat resistance and frost resistance
- **Building Integrated** Fully compliant with the electrical building safety, which makes it the ideal solution for BIPV.



Certification



Solar cell type	Mono-crystalline 156mm(5*7)
Dimensions	1200x1000x11.2mm
Weight	31.2 kg
Watts	174W
Junction box (Protection degree)	IP 68 2 diode
Type of connector	MC4 compatible
Glass (Front/Rear)	5.0mm+5.0mm Tempered glass
Film (Front/Rear)	0.76mm+0.76mm PVB
Package	Wooden box+ Pallet

Warranty

12 Years Warranty: 90% Power Output
 25 Years Warranty: 80% Power Output
 12 Years products warranty

Electrical Characteristics(STC)

SOLAR CELLS	MONO-CRYSTALLINE
Maximum Power (Pmax)	174W
Power output tolerance	±5%
Voltage at Pmax (Vmp)	20.8V
Current at Pmax (Imp)	8.38A
Open-Circuit Voltage (Voc)	24.2V
Short-Circuit Current (Isc)	8.84A
Maximum System Voltage (V DC)	1500 V (iec)
Cell Efficiency	22.5%
Maximum Series Fuse	25A
Temperature Coefficient of Pmax	-(0.38±0.05) % / °C
Temperature Coefficient of Voc	-(0.36±0.15) % / °C
Temperature Coefficient of Isc	0.07% / °C
Nominal Operating Cell Temperature	- 40- +85°C
Stc	Radioactivity 1000w/m ² , battery temp. 25°C, Air Quality Am1.5

Application

