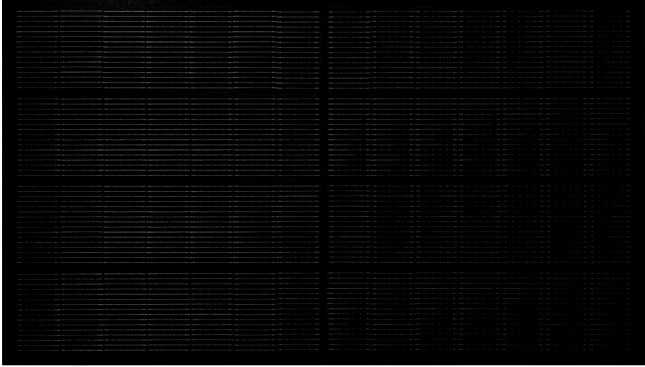


Sunskin Facade Flat module

Robust. Powerful. Aesthetic.



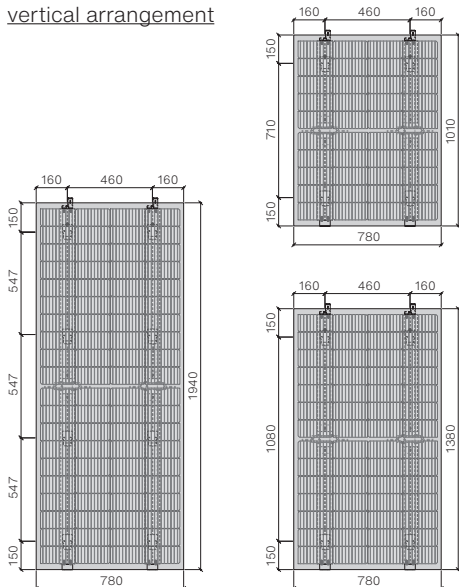
- + Easy installation and high efficiency
- + Double-glazed modules for increased durability
- + Detailed installation instructions
- + The full building envelope from a single source
- + Wide range of accessories and additional functions
- + Can be integrated into various facade cladding solutions

Performance meets attractive design

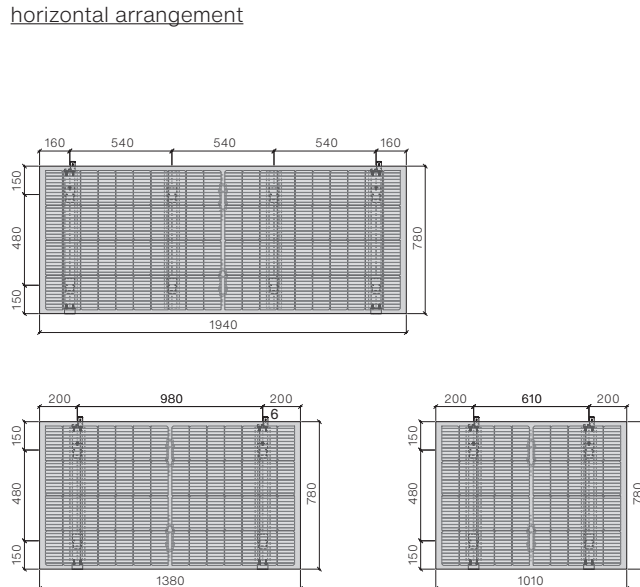
Our flush-mounted solar system for facades sets the standard in energy generation. With an innovative construction, it blends seamlessly into the architecture while efficiently capturing solar energy, all with a harmonious, stylish appearance thanks to the invisible Sigma 8 pro installation system. The Sunskin Facade Flat module can be installed vertically or horizontally.

Sunskin Facade Flat module dimensions

vertical arrangement



horizontal arrangement



Sunskin Facade Flat module

Robust. Powerful. Aesthetic.

| Rated output under STC ¹ | XL | L | M |
|---|--|---------------------------------------|---|
| Rated output under STC ¹ | 305 Wp | 215 Wp | 150 Wp |
| No-load voltage U _{OC} | 28.68 V | 20.08 V | 14.34 V |
| Short-circuit current I _{SC} | 12.75 A | 12.75 A | 12.75 A |
| Rated voltage U _{MPP} | 24.93 V | 17.57 V | 12.26 V |
| Rated current I _{MPP} | 12.23 A | 12.23 A | 12.23 A |
| Rated output tolerance | +/- 3% | | |
| * Measuring tolerance is ±3% / STC: 1000 W/m ² , 25°C and AM 1.5 | | | |
| Temperature coefficients | | | |
| Temperature coefficient no-load voltage β (UOC) | -0.25%/K | | |
| Temperature coefficient short-circuit current α (ISC) | +0,045%/K | | |
| Temperature coefficient rated output γ (PMPP) | -0.32%/K | | |
| General data | | | |
| Number of cells | 80 | 56 | 40 |
| Cell type | M10 TopCon half cell, 182 × 91 mm | | |
| Module exterior dimensions (L × W) | 1940 × 780 × 8.3 mm | 1380 × 780 × 8.3 mm | 1010 × 780 × 8.3 mm |
| Frame thickness | No frame | | |
| Weight (module set incl. substructure) | Horizontal: 31.6 kg / Vertical: 35.3 kg | Horizontal: 22 kg / Vertical: 23.7 kg | Horizontal: 17.7 kg / Vertical: 18.2 kg |
| Glass front | 4.0 mm heat-strengthened solar glass | | |
| Foil layer thickness | < 1.5 mm | | |
| Glass back | 4 mm heat-strengthened float glass | | |
| Module colour | Black, bare busbar | | |
| Protection class | IP68 | | |
| Mains cable | 1.45 m / 4 mm ² | 1.15 m / 4 mm ² | 1.15 m / 4 mm ² |
| Plug | Original MC 4 (Stäubli Electrical Connectors) | | |
| Max. system voltage (IEC) | 1000 VDC | | |
| Max. return current | 15 A | | |
| Max. line fuse | 15 A | | |
| Permitted module temperature range | -40°C to +85°C | | |
| Logistics | | | |
| Modules per pallet | 14 | | |
| Weight per pallet | 565 kg | 400 kg | 300 kg |
| Pallet version | Wooden pallets suitable for construction sites, stackable (two-high) | | |
| Certificates and testing | | | |
| Quality, static loading capacity; operational safety | In acc. with IEC 61215; IEC 61730 | | |
| Pressure load | See the Design and Installation Manual | | |
| Wind suction | See the Design and Installation Manual | | |
| Warranty | | | |
| Product warranty (according to manufacturer) | 10 years | | |
| Performance guarantee (according to manufacturer) | 10-year 90% performance guarantee; 25-year 80% performance guarantee | | |
| System expansion | | | |
| Additional panels | Swisspearl Group AG | | |

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Please note: The instructions in the technical documentation «Planung & Ausführung - Solarsystem Sunskin Facade Flat» must be observed.
Tolerance -1/+3 mm

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