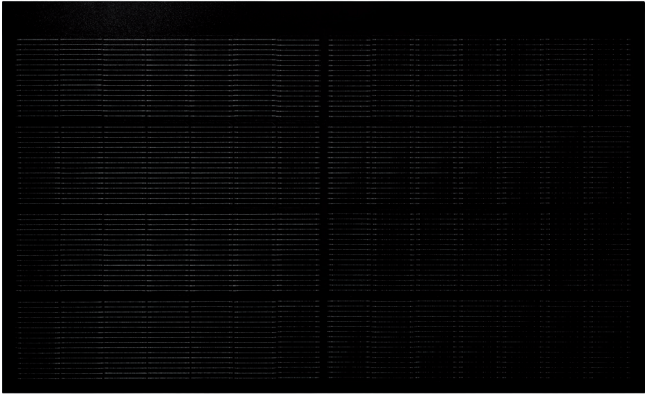


Sunskin Facade Lap module

Robust. Powerful. Aesthetic.

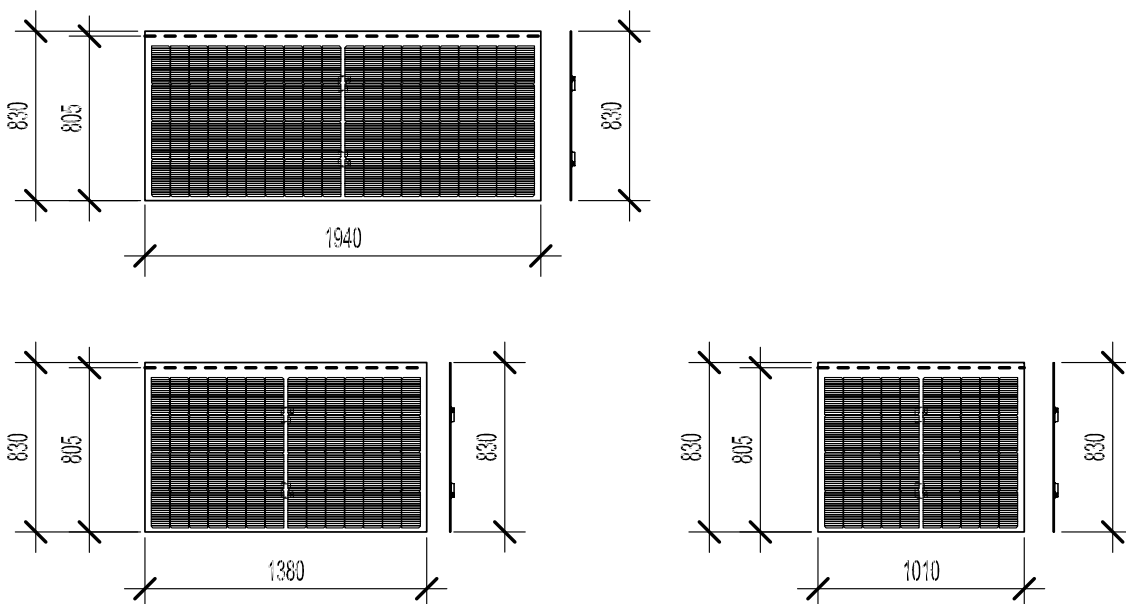


- + Easy installation and high efficiency
- + Double-glazed modules for increased durability
- + Detailed installation instructions
- + The full building envelope from a single source
- + Wide range of accessories and additional functions
- + Can be integrated into various facade cladding solutions

Performance meets attractive design

Thanks to Sunskin Facade Lap, you can take advantage of solar energy in more areas than your roof. The Sunskin Facade substructure is largely identical to the substructure of a fibre cement facade. Swisspearl solar systems impress with their excellent features, including functional reliability, easy installation and efficiency, making them an extremely cost-effective solar solution with lasting value from day one.

Sunskin Facade Lap module dimensions



Sunskin Facade Lap 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%	
¹ 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) ²	1940 × 830 × 8.3 mm	1380 × 830 × 8.3 mm	1010 × 830 × 8.3 mm
Visible area dimensions (L × W)	1940 × 805 mm	1380 × 805 mm	1010 × 805 mm
Frame thickness		No frame	
Weight	31 kg	22 kg	17 kg
Glass front	4.0 mm heat-strengthened solar glass		
Foil layer thickness	< 1.5 mm		
Glass back	3.2 mm toughened 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	28		
Weight per pallet	943 kg	666 kg	526 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 and accessories	Swisspearl Group AG		

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

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