



Module

S-Class Deluxe

polycrystalline

185 Wp ■ 190 Wp ■ 195 Wp



The stylish solar solution

The synergy of design and ecology, the ideal combination of roofing and power generation, based on polycrystalline 6 inch plus high-performance cells. Anti-reflective glass and the tried-and-tested in-roof system included as standard.

Choose between two designs: white background foil and silver Solrif frame or dark background foil and black Solrif frame.

- Suitable for new roofs and refurbishments
- Featuring anti-reflective glass for a better performance
- Long-lived due to the use of high quality materials
- Tested system structure and rain-proofing
- Combines weather protection, design and ecological power generation
- For covering all of the roof surface or integration via cladding
- Suitable for all pitched roofs and types of tile
- Makes use of the existing substructure
- Easy to install, safe operation
- Safe electric connection via pin-and-socket connector system



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Electrical data*

Module type	S 185P50 Deluxe	S 190P50 Deluxe	S 195P50 Deluxe	
	S 185P50S Deluxe	S 190P50S Deluxe	S 195P50S Deluxe	
Nominal power (P_{MPP})	185	190	195	W_p
Voltage (U_{MPP})	24,10	24,15	24,20	V
Current (I_{MPP})	7,68	7,87	8,06	A
Open circuit voltage (U_{OC})	30,65	30,75	30,85	V
Short circuit current (I_{SC})	8,09	8,27	8,45	A
Power coefficient (ΔP_{MPP})	-0,45	-0,45	-0,45	%/K
Voltage coefficient (ΔU_{OC})	-0,36	-0,36	-0,36	%/K
Current coefficient (ΔI_{SC})	0,027	0,028	0,028	%/K

* Under standard test conditions STC (1000 W/m², spectrum AM 1.5, cell temperature 25° C)

Dimensions and weight

Length	1682	mm
Width	864	mm
Height / with junction box	16 / 32	mm
Laying measurements	1663 x 833	mm
Weight	17.5	kg

Quality characteristics

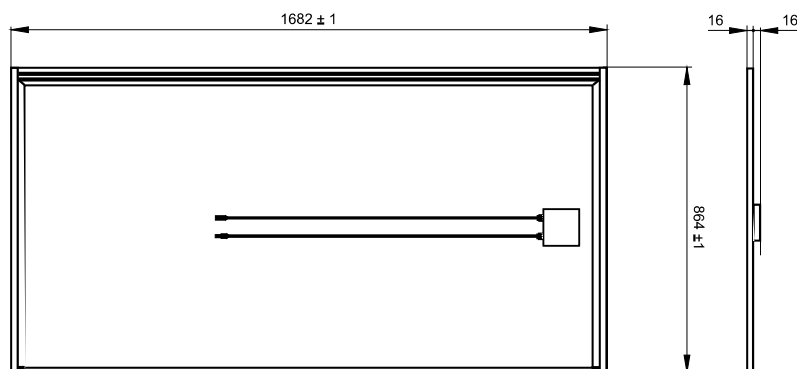
Performance tolerance	±3%
Performance guarantee**	10 years at 90%, 26 years at 80% performance
Product warranty**	5 years
Max. system voltage	1000 V

** According to the Centrosolar guarantee conditions (incl. product and performance guarantee).

Construction characteristics

Cells	50 polycrystalline 6 inch plus solar cells
Design	Glass-EVA-TEDLAR®
Front	Highly transparent solar safety glass with antireflective surface
Rear	TEDLAR® foil, black or white
Frame	SOLRIF XL, aluminium, anodized or powder-coated black
Junction box	Protection category IP65, three integrated bypass diodes
Connection cable	2 x 1.2 m, pin-and-socket connector system

Specifications subject to change without notice, version 10/2009



- Qualified, IEC 61215
- Safety tested, IEC 61730
- Periodic Inspection

Your CENTROSOLAR Partner:

CENTROSOLAR AG
Behringstrasse 16
22765 Hamburg
Phone: +49 (0)40 391065-0
hamburg@centrosolar.com