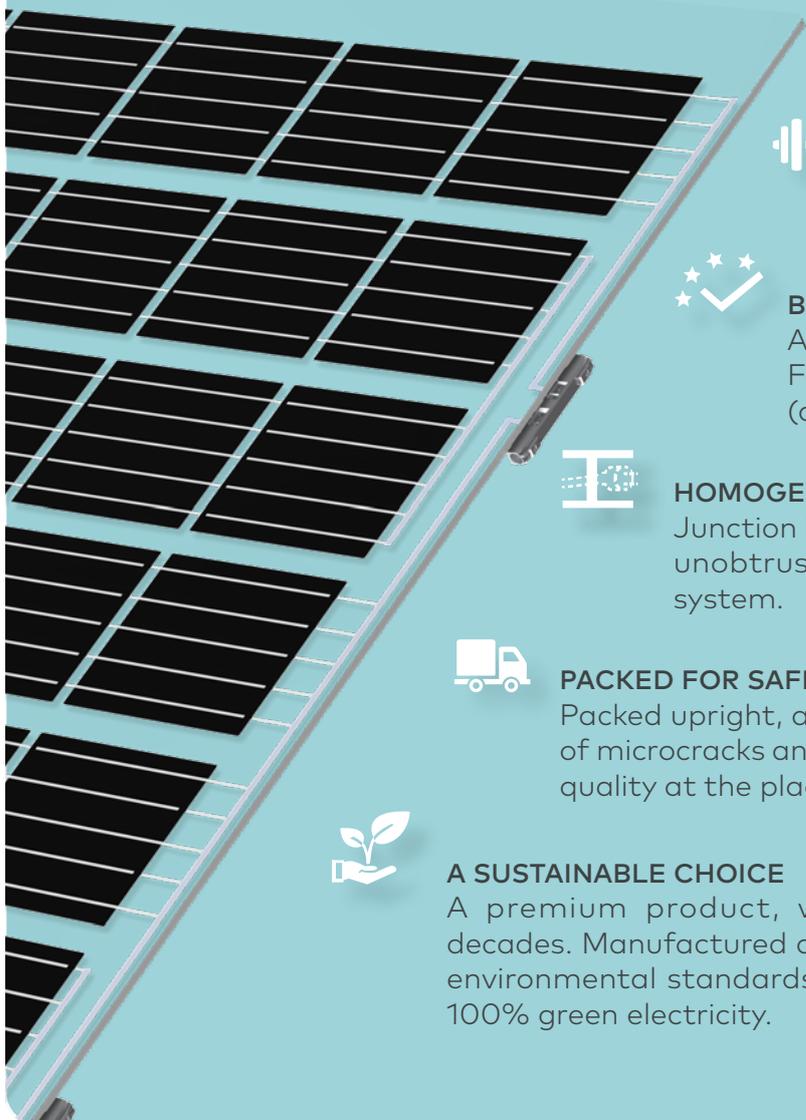


ELEGANTE 200-210 W

Premium PV Panel

Solar safety glass.



TRANSPARENCY ~28%
The perfect balance of light and shadow.



ROBUST
Strong construction -
2 x 4 mm partially tempered glass.



BUILDING PRODUCT
According to guideline DIN 18008.
For vertical and overhead glazing
(abZ of DIBt Z-70.3-232).



HOMOGENEOUS OPTICS
Junction boxes can be installed
unobtrusively in the mounting
system.



PACKED FOR SAFE TRANSPORT
Packed upright, avoiding the emergence
of microcracks and thus ensuring factory
quality at the place of delivery.



A SUSTAINABLE CHOICE
A premium product, which lasts for
decades. Manufactured according to rigid
environmental standards. Produced with
100% green electricity.

MADE IN GERMANY!

Right here. In Prenzlau. In our production facility.
Here we manufacture under the aspects of
quality & durability since 2001.

FULL SERENITY



Years linear
Power Guarantee



Years
Product Warranty

100% cost recovery of guarantee claims.

Under the terms and conditions of the respective guarantee certificate.

QUALITY UNDER HAND AND SEAL



aleo solar PV-safety glass Elegante

ELECTRICAL DATA (STC)		G40C200	G40C210
Rated power	P_{MPP} [W]	200	210
Rated voltage	V_{MPP} [V]	21.7	22.3
Rated current	I_{MPP} [A]	9.22	9.42
Open-circuit voltage	V_{OC} [V]	26.8	27.1
Short-circuit current	I_{SC} [A]	9.71	9.91
Efficiency	η [%]	13.2	13.8

Electrical values measured under standard test conditions (STC): 1000 W/m²; 25°C; AM 1.5

BASIC DATA	
Length x width x height	[mm] 950 x 1600 x 9 (12.5 mm height junction box)
Weight	[kg] 31.5
Number of cells	40
Cell size	[mm] 158.75 x 158.75
Cell material	Monocrystalline Si, PERC,
Number of bus bars	5
Front glass	4.0 mm Solar glass (TSG)
Back glass	4.0 mm Solar glass (TSG)

BASIC DATA JUNCTION BOX	
Length x width x height	[mm] 105.8 x 15.5 x 12.5
IP class	IP67
Cable length	[mm] 820
Connectors	TE Slim Line
Bypass diodes	2 (one per junction box)

LOADS	
Max. pressure load	[Pa] 7500*
Max. suction load	[Pa] 5400*
Max. system voltage	[V _{DC}] 1000
Reverse current load	I_R [A] 20
Mechanical load acc. to IEC/EN 61215	
* Please observe the mounting conditions in the installation manual	

TEMPERATURE COEFFICIENTS			
Temperature coefficient I_{SC}	$\alpha(I_{SC})$	[%/K]	+0.05
Temperature coefficient V_{OC}	$\beta(V_{OC})$	[%/K]	-0.29
Temperature coefficient P_{MPP}	$\gamma(P_{MPP})$	[%/K]	-0.40

Measurement tolerance of P_{MPP} under STC -3/+3% | Accuracy of other electrical values -10/+10%
Efficiency relating to gross PV-safety glass area

ADDITIONAL ELECTRICAL DATA		
Reduction of STC efficiency from 1000 W/m ² to 200 W/m ²	[%] rel.	< 2
Classification range (positive classification)	[W]	0/+9.99

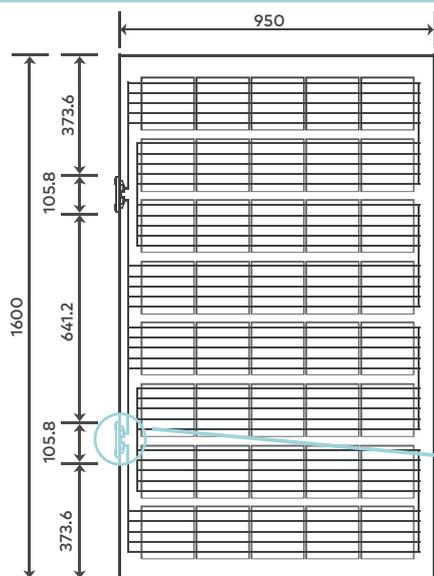


The regulations of laminated safety glass according to DIN 18008 apply to the planning, dimensioning and execution of the glazing.

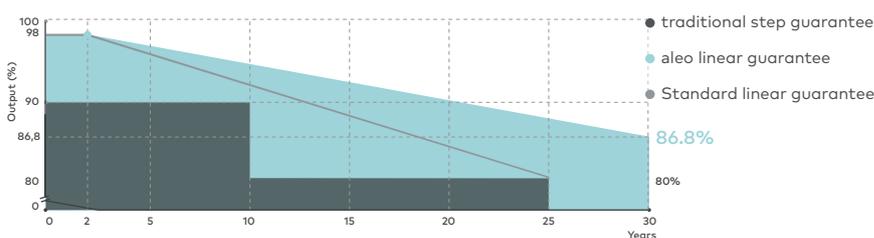


CERTIFICATIONS AND WARRANTY	
Product Guarantee	30 years
Power Guarantee	30 years
Fire Resistance	Class A according to IEC 61730-2
Protection Against Electric Shock	II
Certifications	architectural certification from DIBt

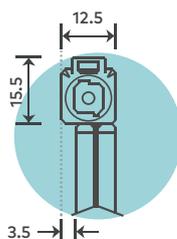
DIMENSIONS [mm]



PERFORMANCE GUARANTEE



DIMENSIONS JUNCTION BOX [mm]



PLEASE CONTACT YOUR AUTHORISED ALEO DEALER

ALEO SOLAR GMBH

Marius-Eriksen-Straße 1
17291 PRENZLAU
GERMANY

CONTACT

+49 3984-8328-0
info@aleo-solar.com
www.aleo-solar.com