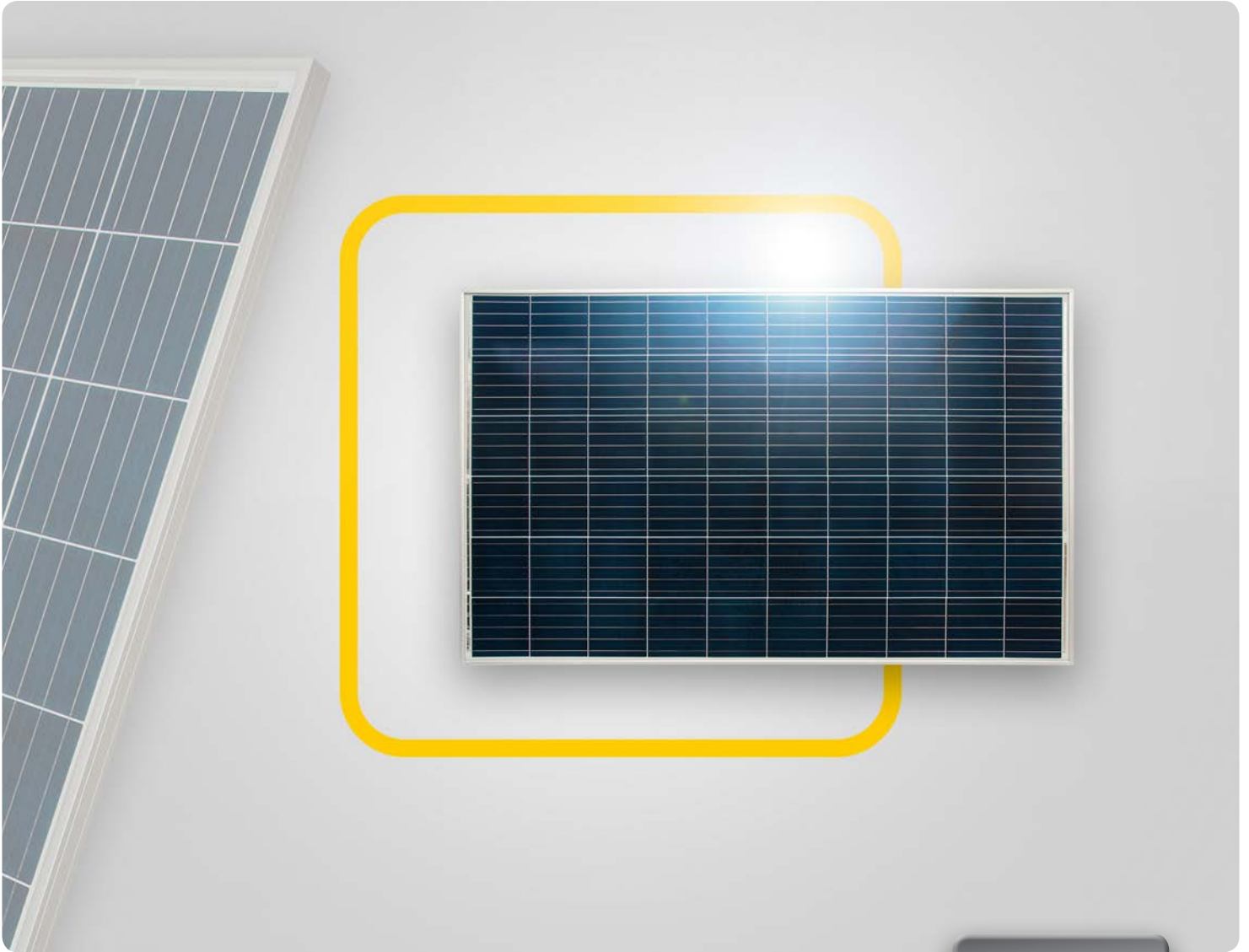




Solar Modules POLYCRYSTALLINE



P Series PERC

285 W ▪ 290 W ▪ 295 W

- High efficiency, high safety, high reliability
- Highly transparent self-cleaning glass
- Resistant to environmental influences: Passed salt mist & ammonia test
- 5-busbar-technology
- German warranty



P Series PERC

Electrical data under STC (Standard Test Conditions: 1000 W/m², 25 °C, AM 1.5)

Rated power	P_{max}	285 W	290 W	295 W
Sorting limits of performance		0/+5 W	0/+5 W	0/+5 W
Voltage	U_{MPP}	31,25 V	31,49 V	31,73 V
Open circuit voltage	U_{OC}	39,21 V	39,42 V	39,62 V
Current	I_{MPP}	9,12 A	9,21 A	9,30 A
Short-circuit current	I_{SC}	9,51 A	9,60 A	9,70 A
Efficiency		17,44 %	17,75 %	18,05 %

Temperature data

Power temperature coefficient	$T_k(P_{MPP})$	-0.43 %/K
Voltage temperature coefficient	$T_k(U_{OC})$	-0.325 %/K
Current temperature coefficient	$T_k(I_{SC})$	0.04 %/K

Further information

Number of cells	60 polycrystalline cells
Max. system voltage	1000 V
Reverse current loading capability	15 A
Front cover	3.2 mm (0.13 inches) tempered glass
Weight	18.6 kg
Module connection	Junction Box protection class Ip67 4.0 mm ² , cable length approx.: 900 mm
Snow load	5400 Pa $\hat{=}$ 550 kg/m ²

12-year product warranty, 25-year linear performance warranty according to our additional warranty conditions for solar power modules of the "P - PERC" product series, which we will gladly send you.

Subject to technical modifications with corresponding follow-up certifications. Errors excepted. Illustration similar.

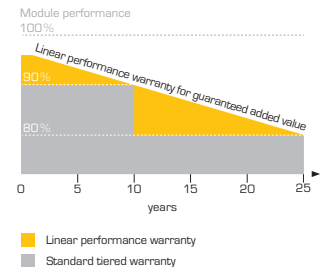
Packaging Specifications

Truck	
Dimension pallet (L/W/H)	169/112/114 cm
Weight pallet	approx. 603 kg
Modules per pallet	30
Modules per truck	900

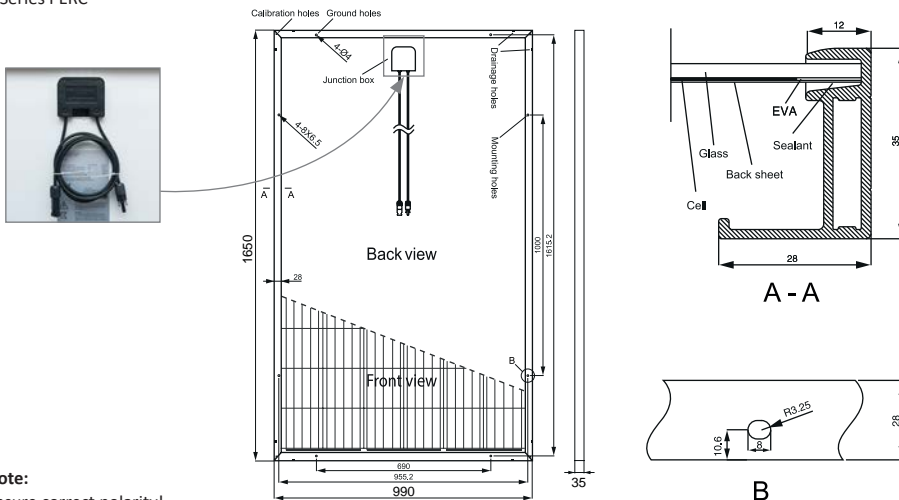
Shipment	
Dimension pallet (L/W/H)	169/112/114 cm
Weight pallet	approx. 603 kg
Modules per pallet	30
Modules per container [40' HC]	840

Certifications

UNI 9177 - class 1 fire behaviour



P Series PERC



Note:
Ensure correct polarity!

Your specialist dealer:

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