

convenient for all
current types of
greenhouse constructions

Solar module glass-glass

... your optimal energy solution for glasshouses

- **72 highly efficient** monocrystalline solar cells
- power range from **300 W to 315 W**
- cells and modules "made in Austria"
- **waterproof junction box with three bypass-diodes**
- **waterproof special edge poetry**
- **maximum environmental resistance** due to double-sided adhesive laminated safety glass
- tested up to **5,400 N/m² mechanical load**
- **2 x 2 mm thin glass, frameless processing**

TOGETHER INTO THE FUTURE

- High-Efficiency made in Austria



Module	300	305	310	315
Electrical parameters				
Max. power (Pm)	300 W	305 W	310 W	315 W
Voltage at max. power (Ump)	36.99	37.02	37.04	37.26
Current at max. power (Imp)	8.128	8.247	8.250	8.326
Open-circuit voltage (Voc)	44.39	44.49	44.93	45.07
Short-circuit current (Isc)	8.815	8.975	9.031	9.098
Module efficiency (%)	14.3	14.5	14.7	15.0
Max. power tolerance (%)	+/- 3			
Max. system voltage (V)	1000			
Rated cell operating temperature (°C)	43 °C ± 2°			
Temperature coefficient				
Open-circuit voltage (Voc)	- 0.34 %/K			
Power (Pmpp)	- 0.42 %/K			
Short-circuit current (Isc)	+ 0.042 %/K			
Test parameters				
Temperature operating range	- 40 to + 85 °C			
Maximum load test (e.g. wind, snow)	max. 5,400 N/m²			
Hail stone impact test	hail-Ø: 25 mm, velocity: 23 m/s			
Mechanical parameters				
Module dimensions L x B x H (mm)	2115 x 995 x 5 ± 0.2 mm			
Glass	2 x 2.1 mm			
Frontglass	low iron - TBG			
Module weight (kg)	23			
Junction box / connector	Tyco			

Typical data at standard test conditions. The above mentioned data are subject to production tolerances.

Warranty & Certifications

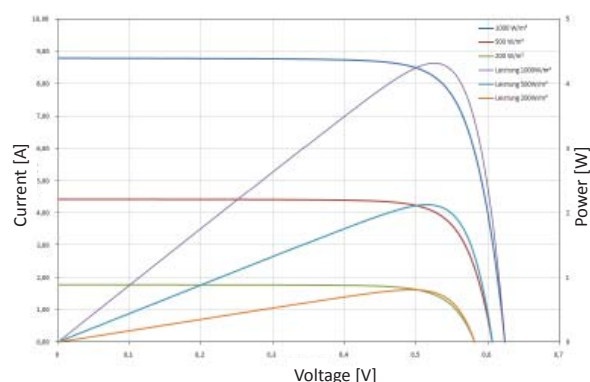
Warranty

5 years product warranty
 20 years power warranty
 (90 % at 10 years, 80 % at 20 Years)*

Certifications

Class C fire rating (protection class II)
 CE
 IEC in certification

IV-Curve



*according to the BCE declaration of guarantee