

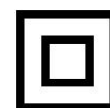


GREENHOUSE MODULE

Glass-Glass 72 cell Polycrystalline PVP-GExxxP
Power: 285/290/295Wp



- special developed for greenhouse application, transparency up to 26%
- Custom sizes depending on the requirements of the greenhouse
- Different cell layout possible, also available in mono crystalline
- light construction with very thin solarglass of 2,1mm
- positive power tolerance: up to +3%
- 10 years product warranty, performance guarantee: 10 years 90%, 25 years 80%
- Quality standard: IEC 61215 und IEC 61730



Each PVP module is characterised by best performance data and high-quality materials. Produced in Austria with modern production equipment and highest manufacturing standards. Modules of GE-Series therefore achieve highest requirements and best power production.

WE CATCH THE SUN FOR YOU

PVP - GExxxP

72-cell Polycrystalline glass-glass

285/290/295Wp

Electrical data		STC**			800W/m ² NOCT**		
maximum power (P _{mpp})	[Wp]	285	290	295	205,6	209,2	212,8
voltage at P _{mpp} (V _{mpp})	[V]	36,5	36,7	36,9	32,9	33,1	33,2
current at P _{mpp} (I _{mpp})	[A]	7,8	7,9	8,0	6,2	6,3	6,4
open circuit voltage (V _{oc})	[V]	44,8	44,9	45,1	40,5	40,7	40,8
short circuit current (I _{sc})	[A]	8,4	8,5	8,6	6,7	6,8	6,9
module efficiency	[%]	12,0	12,3	12,5			

* Standard-test-conditions (STC) 1.000W/m²; AM 1,5; 25°C

** 800 W/m²; AM 1,5; normal operating cell temperature (NOCT)

Minor reduction in efficiency under partial load conditions: at 200W/m² 95% of the STC efficiency (1000W/m²) is achieved

thermal characteristics / temperature coefficient

TK P	Tk Voc	TK I _{sc}	NOCT
-0,43 %/K	-0,32 %/K	0,049 %/K	48°C +/-2°C

mechanical data

length	width	height	weight
2113mm	1120mm	5,1mm	28,5kg

additional data

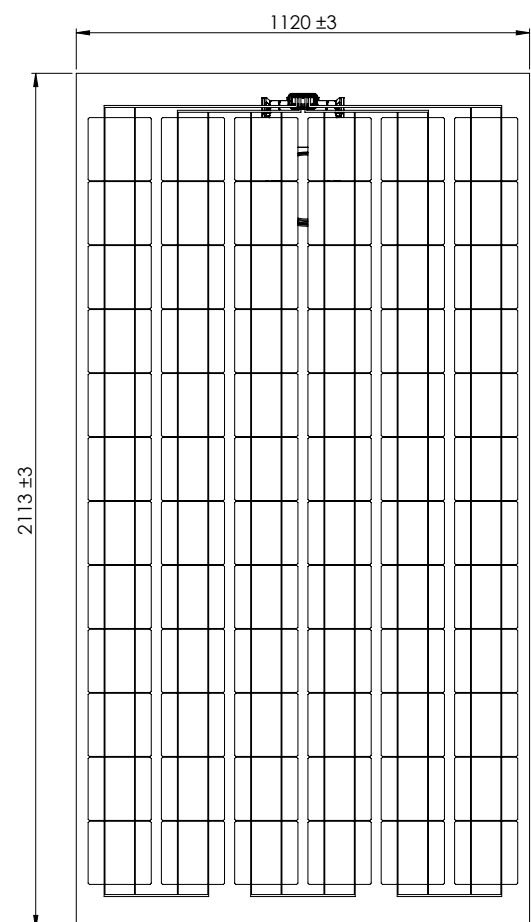
plus sorting	-0% to +3%
max. mechanical load	2400 N/m ² *
max. system voltage	1000V
safety class	II
max. reverse current	15A
junction box	Huber Suhner HA3
bypass diodes	3 Type Schottky
protection class junction box	IP67
cable length/cross section	1000mm / 4mm ²
connectors	Radox Solar
measurement tolerance	+/- 3%
operating temperature	-40°C ~ +85°C

*depends on mounting system

component materials

cell / module	72 (6x12)
cell type	polycrystalline 156x156
solarglass	2 x 2,1mm Solarglass
frame	frameless

technical drawing



This datasheet is not legally binding. Actual specifications and / or product features may vary. PV Products reserves the right to make specifications changes without notice. Caution: Read the safety and installation instructions before using the product. The currently valid warranty/ guarantee declaration and the general delivery terms and conditions of the PV Products GmbH are part of this datasheet. Further details can be found on our website. This data sheet complies with the requirements of EN 50380