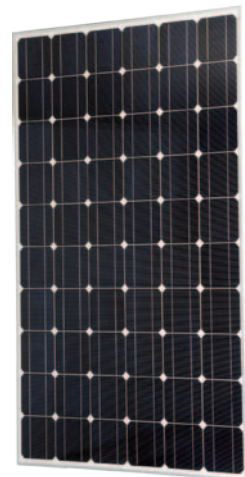




# PVP-A-MODULE

72 cells Mono- and Polycrystalline / Made in Austria

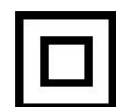


- Produced in Austria with modern production equipment
- Extra heavy solarglass 3,9mm for high wind and snow load (5400 Pa)
- high resistance to harshest environmental conditions
- quality standard: IEC 61215 and IEC 61730
- Positive power tolerance: up to +3%
- 10 years performance guarantee 90%
- 25 years performance guarantee 80%
- 10 years product warranty



### Overview PVP - A - Module 72 cells

Max Power Pmpp [Wp] Mono	310 / 315 / 320
Max Power Pmpp [Wp] Poly	300 / 305 / 310
L x B x H [mm]	1949 x 989 x 40,5
Weight [kg]	25,0



**WE CATCH THE SUN FOR YOU**

# PVP-AxxxP/M

## 72-cells mono- and polycrystalline module



Electrical data monokristallin		STC*			800W/m <sup>2</sup> NOCT**		
maximum power (Pmpp)	[Wp]	310	315	320	223	227	230
voltage at Pmpp (Vmpp)	[V]	36,6	36,9	37,1	32,8	32,9	33,5
current at Pmpp (Impp)	[A]	8,5	8,6	8,6	6,8	6,9	6,9
open circuit voltage (Voc)	[V]	46,1	46,3	46,4	41,7	41,9	42,0
short circuit current (Isc)	[A]	9,1	9,2	9,2	7,3	7,4	7,4
module efficiency	[%]	16,1	16,3	16,6			

Electrical data poycristallin		STC*			800W/m <sup>2</sup> NOCT**		
maximum power (Pmpp)	[Wp]	300	305	310	216	219	223
voltage at Pmpp (Vmpp)	[V]	37,5	37,9	38,2	33,7	33,9	34,4
current at Pmpp (Impp)	[A]	8	8,1	8,1	6,4	6,5	6,5
open circuit voltage (Voc)	[V]	45,3	45,4	45,7	41,0	41,1	41,4
short circuit current (Isc)	[A]	8,7	8,8	8,8	7,0	7,0	7,0
module efficiency	[%]	15,6	15,8	16,1			

### thermal characteristics / temperature coefficient

	TK P	TK Voc	TK Isc	NOCT
Mono	-0,42 %/K	-0,32 %/K	0,047 %/K	48°C +/-2°C
Poly	-0,43 %/K	-0,32 %/K	0,049 %/K	48°C +/-2°C

### additional data

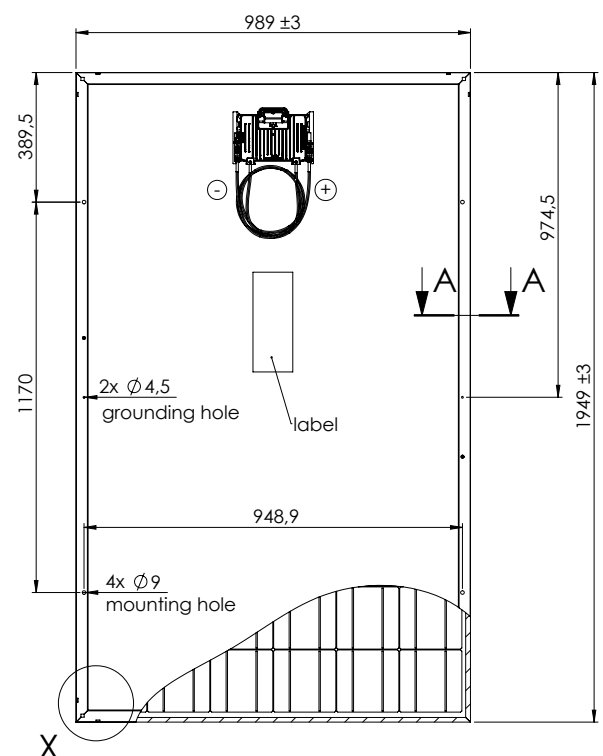
Plus sorting	-0% to +3%
max. mechanical load	5400 N/m <sup>2</sup> 550kg/m <sup>2</sup>
max. system voltage	1000V
safety class	II
max. reverse current	15A
junction box	Huber Suhner HA3
bypass diodes	3 type Schottky
protection class junction box	IP67
cable length/cross section	1000mm / 4mm <sup>2</sup>
connectors	Radox Solar/MC4*
operating temperature	-40°C ~ +85°C
cells	72 pcs. 156x156 P/M
solarglass	3,9mm
frame	anodized aluminium

measurement tolerance +/-3%  
 \* On request also available with MC4.

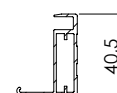
*This datasheet is not legally binding. Actual specifications and / or product features may vary. PV Products reserves the right to make specifications changes without notice. Caution: Read the safety and installation instructions before using the product. The currently valid warranty/ guarantee declaration 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*

### technical drawing



section A-A



DETAIL X

