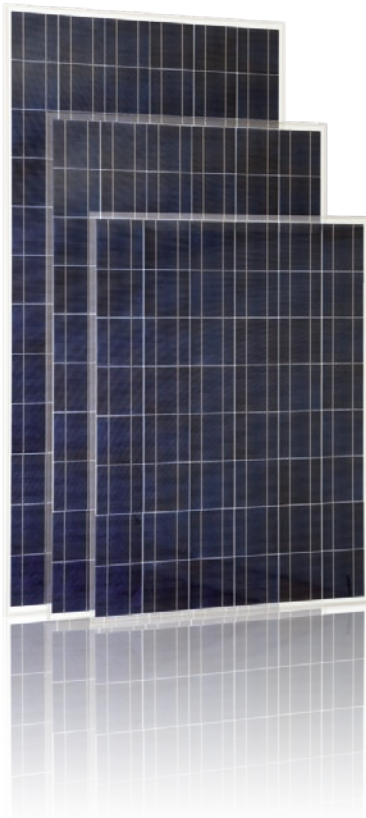




PVP-GE-MODULE

Polycrystalline Glass-Glass

48 - 60 - 72 cell



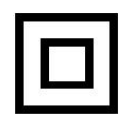
- alternative solution for roof top and ground mounted systems
- frameless, no dust edge
- Type: PVP-GExxxP
- Produced in Austria with modern production equipment
- 3mm Solarglass
- positive power tolerance: up to +3%
- 10 years product warranty
- 10 years performance guarantee 90%
- 25 years performance guarantee 80%
- quality certificate: IEC 61215 and IEC 61730 by TÜV Rheinland

Overview

Type	maximum power P _{mp}	length	width	height	weight
48 cell	185/190/195 W	1306mm	995mm	7mm	21,5 kg
60 cell	235/240/245 W	1626mm	995mm	7mm	25,5 kg
72 cell	285/290/295 W	1940mm	995mm	7mm	32 kg



- Qualified, IEC 61215
- Safety tested, IEC 61730
- Periodic inspection



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

WE CATCH THE SUN FOR YOU

PVP - GExxxP

Polycrystalline Glass-Glass Module



Electrical data 48 cell		STC*			800W/m ² NOCT**		
maximum power (Pmpp)	[Wp]	185	190	195	132,9	136,5	140,1
voltage at Pmpp (Vmpp)	[V]	23,7	24,1	24,4	21,2	21,5	21,7
current at Pmpp (Impp)	[A]	7,8	7,9	8,0	6,3	6,4	6,4
open circuit voltage (Voc)	[V]	29,8	30,0	30,1	26,9	27,1	27,2
short circuit current (Isc)	[A]	8,4	8,5	8,6	6,8	6,9	6,9
module efficiency	[%]	14,2	14,6	15,0			

Electrical data 60 cell		STC*			800W/m ² NOCT**		
maximum power (Pmpp)	[Wp]	235	240	245	169,5	173,1	176,7
voltage at Pmpp (Vmpp)	[V]	29,4	29,6	29,9	25,1	25,3	25,5
current at Pmpp (Impp)	[A]	8,0	8,1	8,2	6,8	6,8	6,9
open circuit voltage (Voc)	[V]	37,2	37,4	37,6	33,6	33,8	33,9
short circuit current (Isc)	[A]	8,4	8,5	8,6	6,4	6,5	6,6
module efficiency	[%]	14,5	14,8	15,1			

Electrical data 72 cell		STC*			800W/m ² NOCT**		
maximum power (Pmpp)	[Wp]	285	290	295	205,6	209,2	212,8
voltage at Pmpp (Vmpp)	[V]	36,5	36,7	36,9	32,9	33,1	33,2
current at Pmpp (Impp)	[A]	7,8	7,9	8,0	6,2	6,3	6,4
open circuit voltage (Voc)	[V]	44,8	44,9	45,1	40,5	40,7	40,8
short circuit current (Isc)	[A]	8,4	8,5	8,6	6,7	6,8	6,9
module efficiency	[%]	14,8	15,0	15,3			

* 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

additional data

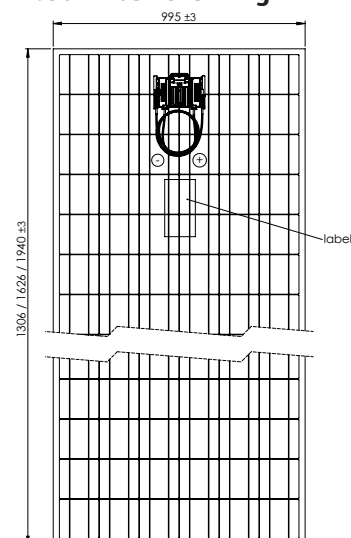
Plus sorting	-0% bis +3%
max. mechanical load	2400 - 5400 N/m ² *
max. system voltage	1000V
safety class	II
max. reverse current	15A
junction box	Huber Suhner HA3
bypass diodes	3 Typ Schottky
protection class junction box	IP67
cable length/cross section	1000mm / 4mm ²
connectors	Radox Solar
measurement tolerance	+/- 3%
operating temperature	-40°C ~ +85°C
cell type	polycrystalline 156x156
Frontglass , backglass	2,9mm / 3mm

* depends on mounting system

thermal characteristics / temperature coefficient

TK P	Tk Voc	TK Isc	NOCT
-0,43 %/K	-0,32 %/K	0,049 %/K	48°C +/-2°C

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