

360° Glass-Module 60 cells bifacial

Up to 30% additional yield thanks to 360° light irradiation

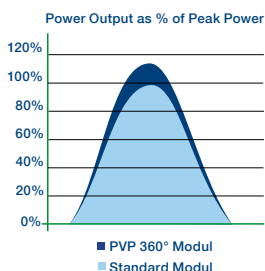
Product overview

360° Glass-Module

| | |
|---|-------------------|
| Max. power P _{mp} front / total [Wp] | 300 / 360 |
| Dimension L x W x H incl. frame [mm] | 1679 x 992 x 40,5 |
| Dimension L x W x H excl. frame [mm] | 1700 x 995 x 7 |
| Weight [kg] | 21 / 27,5 |



PVP's 360° glass module catches the sun light on the front and on the back side of the module. The higher light efficiency increases the yield significantly. Thanks to the active module back side the 360° glass module can reach up to 360 Wp overall performance (e.g. 300 Wp only front / 330-360 Wp thanks to 360° light irradiation).



+10-20% additional yield with low reflecting surfaces

(e.g. tiled roof, glass)

+20-30% additional yield with better reflecting surfaces

(e.g. flat roof with grey foil, sand)

+30-35% additional yield with high reflecting surfaces

(e.g. snow)

Perfectly suitable for greenhouses, industrial roofs, open landscapes,...



PVP 360° Glass-Module

Electrical Data

| | | STC |
|-----------------------------|------|------------|
| | | only front |
| Max. power P _{mpp} | [Wp] | 300 |
| Voltage at P _{mpp} | [V] | 33,09 |
| Current at P _{mpp} | [A] | 9,07 |
| Open circuit voltage | [V] | 39,69 |
| Short circuit current | [A] | 9,45 |
| Module efficiency | [%] | 18,01% |

standard testing conditions (STC): 1,000W/m² - AM 1.5 - 25 °C



Thermal characteristics / temperature coefficient

Mono crystalline

| | | |
|--------|-------|-------|
| TK P | [%/K] | -0,40 |
| TK Voc | [%/K] | -0,32 |
| TK Isc | [%/K] | 0,047 |
| NOCT | [°C] | 43 ±2 |

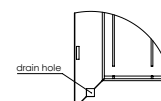
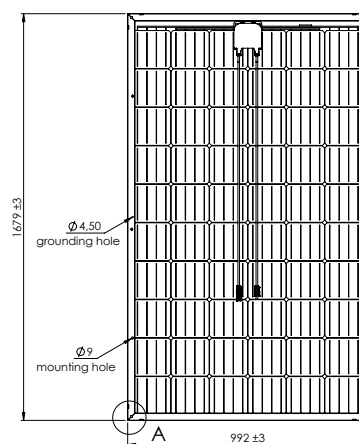
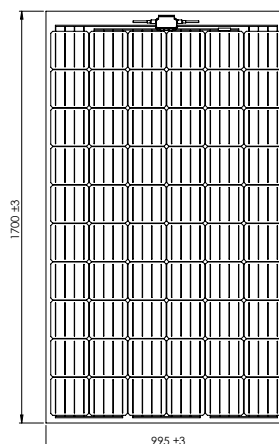
Advantages 360° Glass-Module

- up to 360 Wp overall power thanks to active module back side
- Use of PID-resistant module components
- LID-effect nearly 0%
- Use of 60 high-efficiency bifacial-cells
- extremely solid thanks to laminated safety glass

Additional data

Mono crystalline

| | |
|-------------------------------|-----------------------------|
| Plus sorting | -0% up to +3% |
| Mechanical load | 5400 Pa |
| Max. system voltage | 1000 V |
| Safety class | II |
| Max. reverse current | 15 A |
| Junction box | Tyco |
| Bypass diodes | 3 type Schottky |
| Protection class junction box | IP 67 |
| Cable length/width | 1000 mm / 4 mm ² |
| Junction box connection | Tyco PV4 / MC4 compatible |
| Operating temperature | -40°C ~ +85°C |
| Cells | 156 x 156 mono |
| Solar glass excl. frame | front: 3 mm / back: 3 mm |
| Solar glass incl. frame | front: 2 mm / back: 2 mm |
| Frame | Anodized aluminium |



Excl. frame

Incl. frame

Measurement tolerance P_{max} ±3 %

This datasheet is not legally binding. Actual specifications and/or product features may vary. PVP Photovoltaik reserves the right to make changes to specifications 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 are part of this datasheet. Further details can be found on our website (www.pvp.co.at). This data sheet complies with the requirements of EN50380.