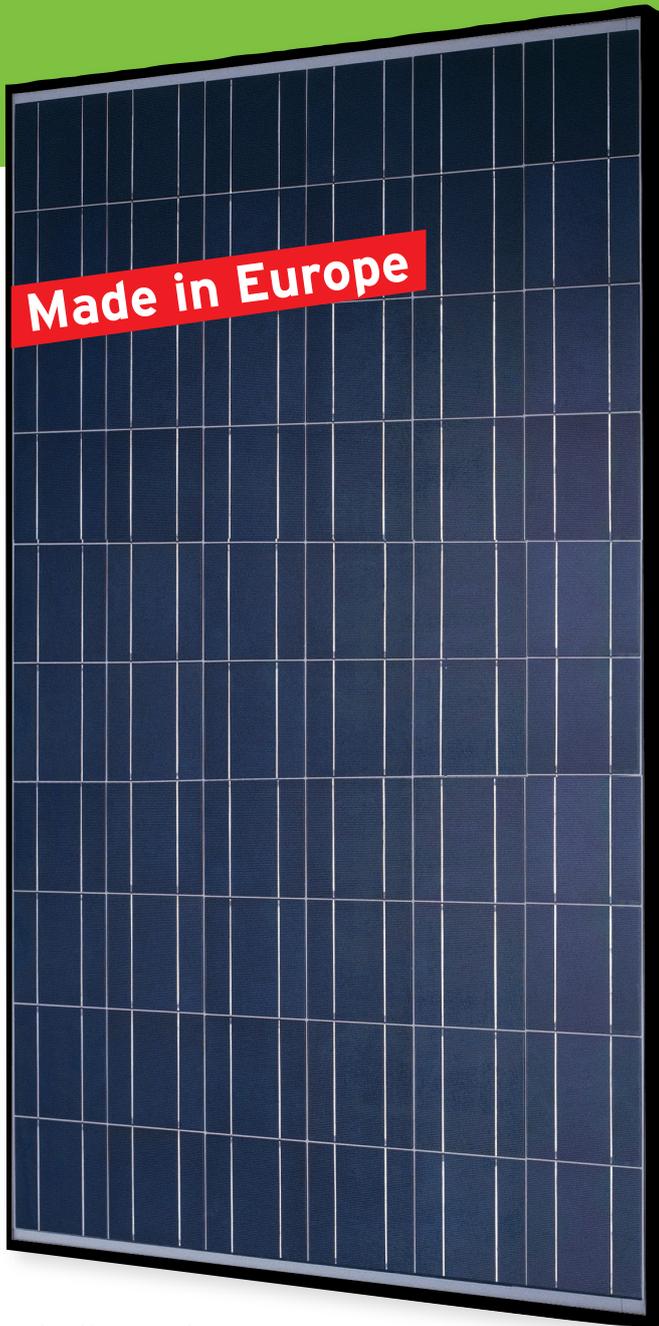


GermanPV-module »poly high performance«



Produced by SOLVIS d.o.o.

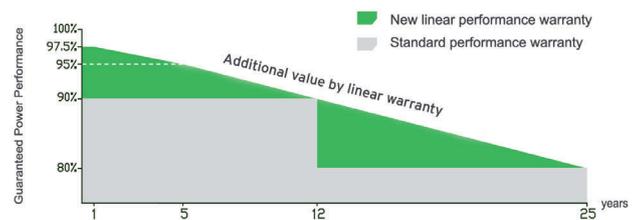
Type:

GPV250P-60
GPV260P-60

- Modules with high degree of efficiency up to 15.4 %
- High efficiency at low light conditions with superior transmission properties
- Anti-reflective coating improves light absorption and reduces surface dust
- Particularly stable - tested planar pressureload of 5,400 N/m²
- Suitable for extreme climatic conditions
- High salt mist and ammonia resistance
- Up to 4.9 W more module power

ENGLISH EDITION 2015

Linear performance warranty



Mechanical Characteristics

Cell Type: Poly-crystalline 156 x 156 mm (6 inch)
 No. of cells: 60 (6 x 10)
 Dimensions: 1,650 x 992 x 40 mm
 Weight: 18.6 kg
 Front Glass: 3.2 mm, High Transmission,
 Low Iron, Tempered Glass
 Frame: Anodized Aluminium Alloy, RAL 9005
 Junction Box: IP67 rated
 Output Cables: Length 1000 mm, 4.0 mm²
 Unit pressure: max. 5,400 N/m²

Technical data

| Module Type | GPV250P-60 | GPV260P-60 |
|---|--------------------|------------|
| Maximum Power at STC (Pmax) | 250 Wp | 260 Wp |
| Maximum Power Voltage Umpp | 30.5 V | 30.8 V |
| Maximum Power Current Impp | 8.24 A | 8.45 A |
| Open-circuit Voltage (Voc) | 37.8 V | 37.9 V |
| Short-circuit Current (Isc) | 8.75 A | 8.90 A |
| Module Efficiency (%) | 15.4 % | |
| Operating Temperature (°C) | -40 °C till +85 °C | |
| Maximum system voltage | 1,000 V | |
| Power tolerance | 0 % till 4.9 % | |
| Temperature coefficients of Pmax | -0.42 %/°C | |
| Temperature coefficients of Voc | -0.35 %/°C | |
| Temperature coefficients of Isc | 0.05 %/°C | |
| Nominal operating cell temperature (NOCT) | 20 °C | |

GermanPV-modules are produced according to the well-proven glass-foil method of production. The back-mounted composite film and the complete edge sealing vouchsafe the high quality of the laminate structure. This guarantees an extremely long life cycle and a higher performance stability. The fully automated production process provides for a continuously high product quality of the photovoltaic modules which results in a maximum degree of efficiency per module of 15.4 %.

Qualification | Certification

These special-made laminates are certified by the TÜV Rheinland according to IEC 61215 Ed.2 and IEC 61730 Class A. A free of charge withdrawal and professional disposal will be guaranteed.

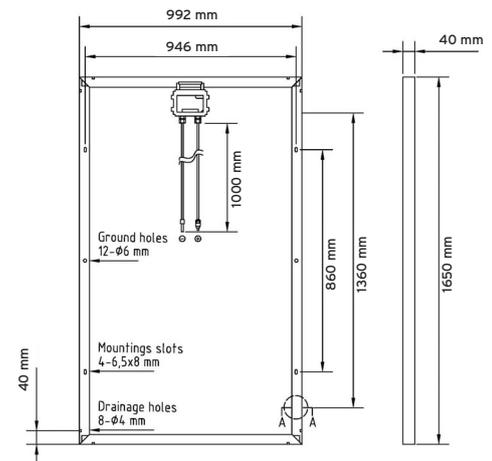
Quality | Reliability

The production site has been certified by the TÜV Rheinland according to ISO 9001/2008, ISO 14001/2004, OHSAS 18001, SA 8000, CE, PV CYCLE and MCS. The modules will be produced exclusively for the GermanPV GmbH by the solar global corporation SOLVIS d.o.o.

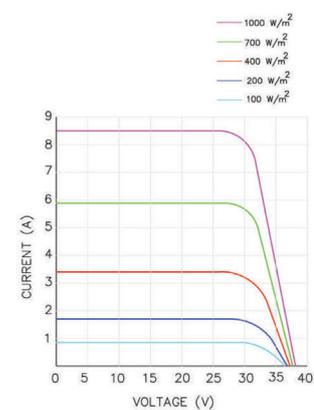
Warranty for modules ensured by SOLVIS d.o.o.

- 25 years linearely performance warranty with a maximum 20 % drop in performance
- 10 years product warranty

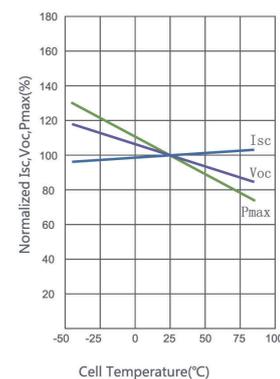
The guarantee conditions of the SOLVIS d.o.o. are valid.



Current-Voltage & Power-Voltage Curves (240W)



Temperature Dependence of Isc, Voc, Pmax



Delivery with solar power supply cords (socket and connector system), length: 1000 mm

STB: All details regarding electric data apply to vertical irradiation at 1,000 W/m² and a temperature of 25 °C (normal conditions with AM = 1.5).