

**PV**  
T  
AUSTRIA



**THE  
SUNNY SIDE  
OF ENERGY.**

# NATURALLY WITH TECHNOLOGY

## ROOF SYSTEMS

## ENERGY FACADE

## COMMERCIAL

## INDUSTRIAL LARGE-SCALE PLANT

## FAMILY HOUSES

## CUSTOMIZED SOLUTIONS

## ENGINEERING

PVTechnologies GmbH (PVT Austria) is a company situated in Austria. Since 2001, PVT already committed itself to renewable energies and the team is proud to look back over more than 15 years of experience.

As a pioneer of the domestic photo voltaic industry, we combine everything under one roof – development and production of highly efficient PV modules and solar power stations.

We make an important contribution towards a new energy supply situation in Austria and Europe – away from fossil fuels and towards inexhaustible and emission-free solar energy – made in AUSTRIA.

As an Austrian producer, we continually invest in the technological development of our products. Only continuous innovation can ensure our ability to be competitive and our resulting sustainable success.

A trusting relationship and partnership with our customers and business partners allows us to look proudly at many implemented projects worldwide.

FLEXIBILITY IS OUR STRENGTH.

INNOVATION IS OUR DRIVING FORCE.

TECHNOLOGY IS OUR NATURE.

energy charged & efficient

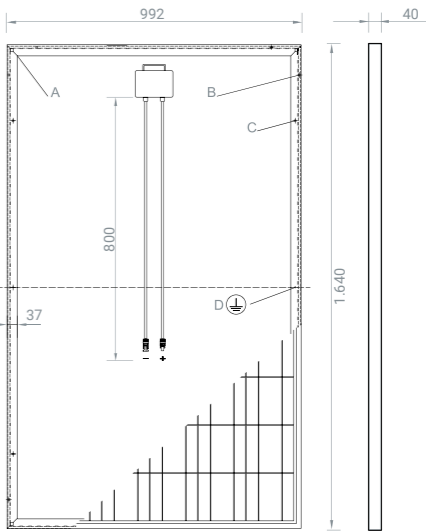
HIGH POWER MODULES

Features

- High power module with a capacity of up to 310 Wp
- 60 or 72 cells
- Robust construction
- 3.2 mm or 4.0 mm tempered anti-reflective solar glass

Technical Data – Example based on standard 60 cells

MODULE OUTPUT	250–310 Wp
FRONT	3.2–4.0 mm anti-reflective solar glass
BACK	white foil
SIZE	1,640 x 992 x 40 mm
WEIGHT	19 kg
FRAME	aluminium silver, black anodised
OUTPUT TOLERANCE	+5 % / -0 %
CERTIFICATES	IEC 61215, IEC 61730
COMPRESSION STRENGTH	5,400 Pa



Partner SOLI TEK

For more than 20 years, SOLI TEK has successfully been combining highest innovation in the optical industry with the continuously rising demands of the solar industry.

In connection with SOLI TEK, PVT is creating an energy bundle in many European states and even beyond... ..

Areas of application



These modules are suited both for roof systems as well as for open spaces. The high compression strength withstands all the demands and exterior influences.

Custom solutions



We transform your facade into a work of art by using individual modules.

light-flooded & innovative in design

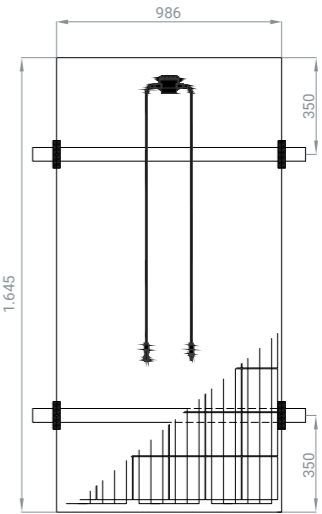
GLASS MODULE

Features

- High power module with an output of up to 310 W
- 60 or 72 cells
- Robust construction
- 3.0 mm tempered anti-reflective solar glass
- Resistant against salt, ammonia, dust and other serious environmental influences
- Maximum resistance to fire, as there is no back film
- Roof-integrated
- Self-cleaning

Technical Data – Standard size

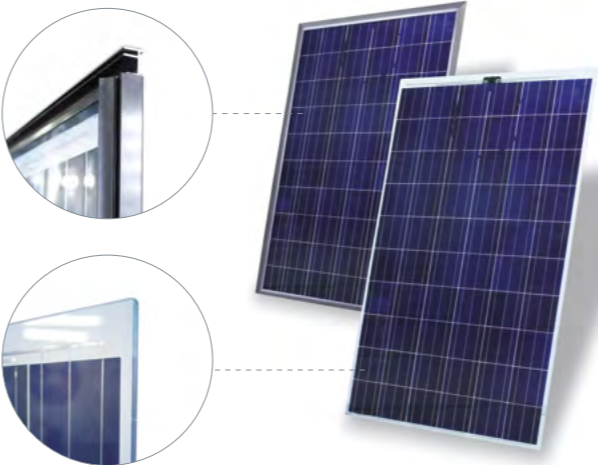
MODULE OUTPUT	250–310 Wp
FRONT	3.0 mm anti-reflective solar glass
BACK	glass
SIZE	1,645 x 986 x 7,1 mm
WEIGHT	27 kg
FRAME	optionally with or without frame
OUTPUT TOLERANCE	+5 % / -0 %
CERTIFICATES	IEC 61215, IEC 61730
COMPRESSION STRENGTH	8.000 Pa



Energy booster

The glass-modules from PVT Austria are made to be used under hardest conditions.

They represent the premium alternative to glass-foil modules for rooftop and roof open space systems and are for both households and large-scale facilities suitable.



Glass modules ...



... are high quality and durable. It's not just architectural „art panels“, rather to be used in roof installations or big scaled outdoor application. The higher yield offers economic alternative to the classic panels.

special & individual

CUSTOMIZED MODULES

Special solutions

We design customized modules for customer-specific applications to our customers. Together with you, we will find the suitable solution for every challenge.

Customized modules

- Triangular modules
- Coloured modules
- Cut-outs
- Curved formats
- Variable dimensions
- Listed buildings
- To matched roof system
- with integrated company logo

Technical details

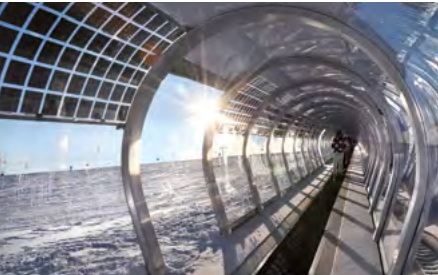
MODULE OUTPUT	depending on size and shape
GLASS THICKNESS	2.0–16.0 mm
CONNECTION BOX	IP65, individually positionable
SIZE & SHAPE	accord. to customer requirements
FRAME	all RAL colors or frameless
TRANSPARENT GRADE	freely selectable
CERTIFICATES	CE
COMPRESSION STRENGTH	8,000 Pa



Freedom for creativity

You want photovoltaics in your plans and drafts? We are ready!

PVT Austria is your specialist for individual photovoltaic solutions offside mass production.



flexibel & safe

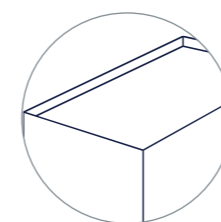
## ASSEMBLY SYSTEMS for photovoltaic systems



### ROOF SYSTEMS

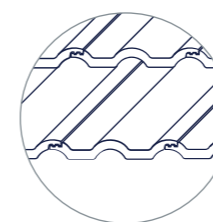
Our assembly systems or substructures for photovoltaic systems provide solutions for all roof types and roof coverings. Thus, all our systems can grip on any subsurface.

- Pitched roof systems
- Flat roof systems
- Open space systems



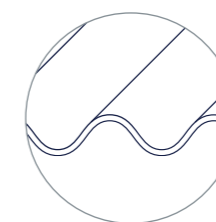
#### Flat roofs

Flat roof systems for concrete, bitumen, film, gravel and trapezoidal sheet metal



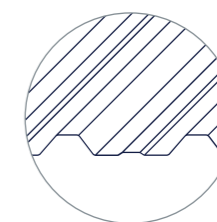
#### Roof tiles

Pantiles, plain tiles or concrete roof tiles



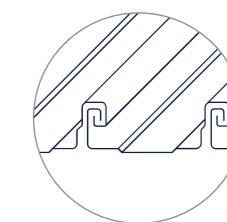
#### Corrugated fibre cement

Assembly systems fastened into the roof substructure



#### Trapezoidal sheet metal

Assembly systems fastened into the raised beads



#### Sheet metal fold

Sheet metal fold clips for various fold types

### Open space systems

Our open space systems are suitable for all common soil classes. Secure anchorings are available, even for difficult soils. This is achieved by using pile-driven, rotary and concrete foundations.

The systems are characterised by low installation costs and very few components.



### A safe grip ...

... is the precondition for an effortless ascent.

Our team selects the optimum anchoring system for your roof, thereby ensuring the safe operation of the system.



perfectly coordinated accessories



INVERTERS & RESERVOIRS



Reliable austrian know-how of the highest quality.

Our partner Fronius has been working on the subject of photo voltaics in the “solar energy” industry since 1992.

Professional products for the monitoring of photovoltaic systems, high quality inverters and a unique service concept create an outstanding portfolio of products and services.



ENGINEERING

Planning & development from one source.

Our team not only supplies the products, but the corresponding engineering services as well. Our focus here is on a trouble-free, long-lasting operation as well as the economic viability of your solar power plant.

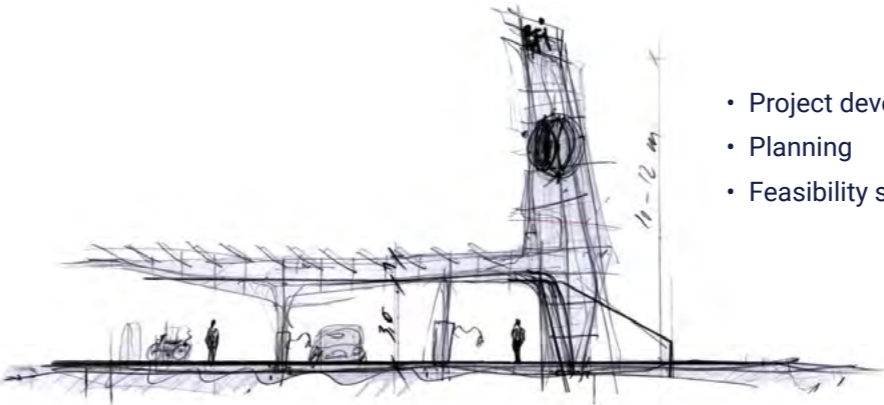
We develop your projects and support you during the permitting phase and onwards to long-term financing options.

Harmonize.

We perfectly coordinate the individual components of your solar power plant, such as the solar panels, inverters and any storage for maximum profitability and trouble-free operation.



Optionally we are proud to offer you a yield guarantee by ALLIANZ insurance.



- Project development
- Planning
- Feasibility study
- Simulations
- Earnings guarantee
- Service & Maintenance

NETWORK



**SOLI TEK**  
Manufacturer of solar cells and systems

PVT Austria represents SOLI TEK  
in Austria, Bosnia and Herzegovina,  
Croatia, Romania, Serbia, Slovenia,  
Slovakia, Czech Republic and Hungary.



**Collective Energy GmbH**  
Initiative for crowd funded  
renewable energy projects



**Allianz** Elementar Insurance  
Company



**Lyonesse Europe AG**  
Cashback Partner

# THE SUNNY SIDE OF ENERGY.



**PVTechnologies GmbH**  
Zlabernerstraße 500 / 2135 Neudorf bei Staatz / **Austria**  
**T** +43 2523 20 119 / **F** -20 / **E** office@pvtechnologies.at

[www.PVTechnologies.at](http://www.PVTechnologies.at)