

INTEVO

Your solar power plant as a complete in-roof solution!



ertex-solar INTEVO is the first photovoltaic in-roof system on the market which contains every single element you need. No further work is needed by other craftsmen, with installation of only one day for an one household electricity requirement. Simply perfect!

Sensational: produced on both sides with an innovative ultra light weight safety glass. Maximum durability for outstanding energy output and the highest reliability for decades!

ertex solar
A company of the Ertl Glas Group

Revolutionary advantages

TECHNOLOGY



Unrivaled glass-glass modules

The revolutionary photovoltaic module generation by erTEX solar is on both sides, made with special hightech glass that despite its extreme thinness is incredibly shatterproof.

Glass (as opposed to normally used synthetic materials) allows no damp to invade. erTEX solar now for the first time provide a warranty that no condensation occurs that makes the modules in time "blind" and inefficient.

Maximum safety thanks to a secondary drainage system

The erTEX solar INTEVO-system is of course rainproof and through an additional drainage system further security is provided. Should slight water seepage occur due to minor imperfections in installation, the water will be drained safely thanks to the built-in frame profiles.

Integrated flashing

Being an all in one solution, the flashing is included in the overall design of the system. No additional lead work is needed. The system is professional throughout and so unique to the market!

Back ventilation for optimum energy output

It is a known fact that solar cells offer more output the cooler they are. The innovative back ventilation provides a perfect air exchange giving an ideal cooling effect and the best power output!

No troubles with thermal longitudinal expansions

Special compensator elements offer sufficient expansion clearance, with maximum safety, even under most extreme thermal conditions!

Revolutionary advantages

DESIGN



Homogenous glass surface – no shingle system!

The erTEX-solar INTEVO in-roof system offers an uniform glass surface, which is of course ideal for rain drainage!

On board lightning protection

In the outstanding INTEVO system lightning protection is included as well as the equalisation of static energy. In-built safety that is invisible, but absolutely needed!

Fine and elegant framework!

Elegant and ergonomic design allows for the profiles of the covering framework to be extremely efficient and provide an excellent overall design.

Uniform colour styling

The combination of dark blue photovoltaic modules and the dark and elegant framework, guarantees that your personal solar power plant even becomes a neighbourhood attraction.

Even a complete photovoltaic roof is possible!

The new erTEX solar in-roof system is technically designed even to be mounted as a complete roof solution. Your erTEX-solar INTEVO partner will survey the site when visiting you to determine if this is possible.

Simply revolutionary!

No more drilling and cutting necessary

The unrivaled INTEVO system is delivered completely as a perfectly prepared ready to assemble kit. Just combine the clearly defined parts and your power plant is installed!

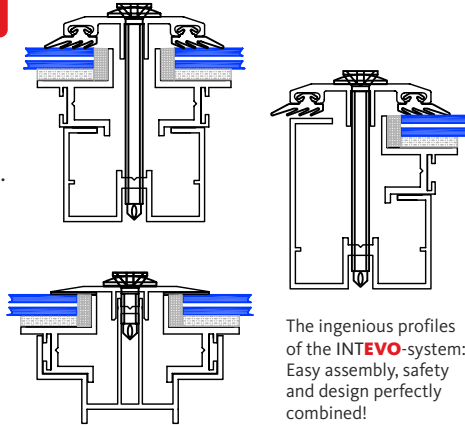
For installation only a cordless screwdriver, a Torx bit and a socket is needed. Nothing else!

Sounds unbelievable but it's true: only a cordless screwdriver, a Torx 25-bit and a socket is necessary for the complete installation process. A tape measure helps to align the frame... that's really all that is needed!



No changes are necessary to the roof framework even in rehabilitation

You only need two 4 cm roof battens to mount the frame and the modules correctly. And even these battens are part of the ready to assemble kit! All parts that are needed from A to Z are included... how is that for a complete package!?



The ingenious profiles of the INTEVO-system: Easy assembly, safety and design perfectly combined!

Revolutionary advantages INSTALLATION



Large format:
Nominal power: 690 x 1860 mm
 166,01 W_p
Nominal voltage: 22,748 V
Nominal amperage: 7,304 A
Idle voltage: 27,368 V
Short circuit amperage: 7,760 A

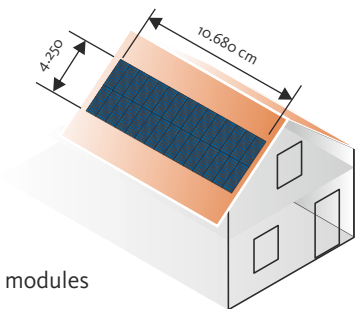
Small format:
 690 x 1055 mm
Nominal power: 90,56 W_p
Nominal voltage: 12,41 V
Nominal amperage: 7,304 A
Idle voltage: 14,928 V
Short circuit amperage: 7,760 A

Temperature coefficient: **Voltage:** -2,23 mV/K
Amperage: +3,69 mA/K
Power: -0,46 %/K

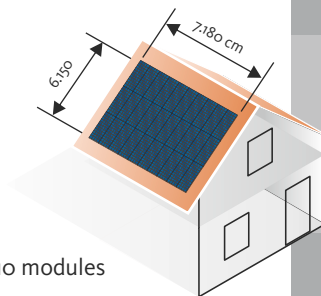


Revolutionary SOLAR KITS

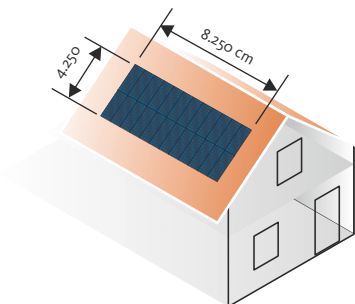
5 kW
with 2 x 15 modules



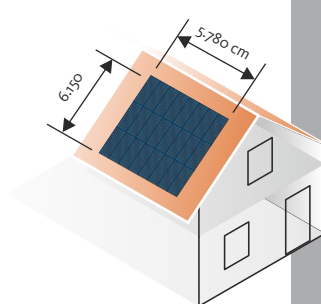
5 kW
with 3 x 10 modules



4 kW
with 2 x 12 modules



4 kW
with 3 x 8 modules

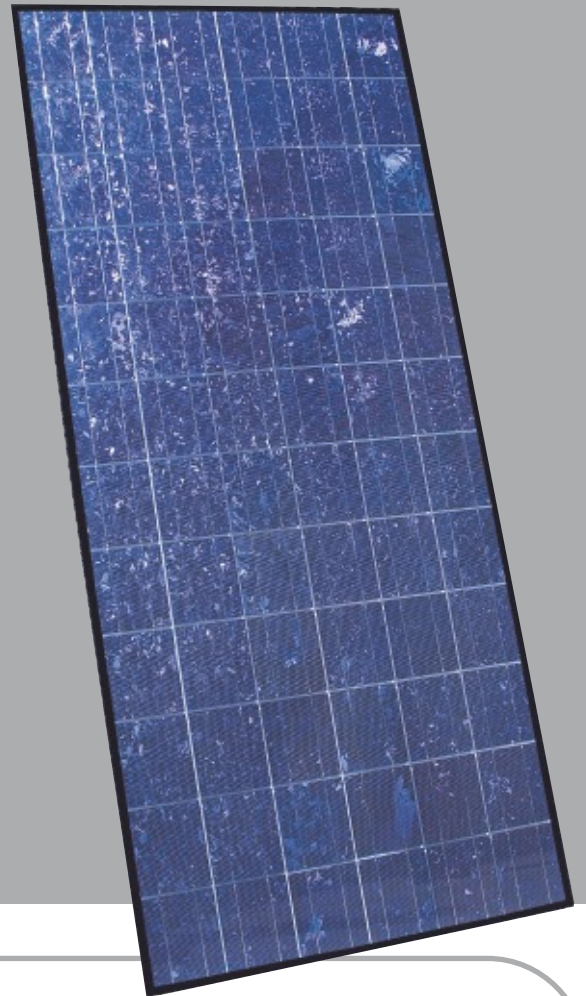


An award winning international company who's products receive worldwide acclaim!

Throughout the years the team of ertex-solar are pleased to receive regular international awards and honours. The highlight of which was the personal presentation of the European Business Award for the Environment by EU-minister of environment Stavros Dimas in June 2008 in Brussels.

EEP 2007

- Austrian State Award
- Eurosolar Solar Award 2006
- Innovation Award 2006
- Constantius 2006
- Oegut 2006
- Energie Globe 2005
- EBAE 2008
- ECOLINX 2010



Your ertex solar partner:

ertex solartechnik GmbH
A-3300 Amstetten, Peter-Mitterhofer-Straße 4
Phone: +43/7472/28260, Fax: +43/7472/28260-629
E-mail: info@ertex-solar.at, Web: www.ertex-solar.at