
Green Power with
guaranteed performance.

A wide-angle photograph of a solar farm. In the foreground, there is a lush green field with tall grass and purple wildflowers. In the middle ground, rows of blue solar panels are installed on a gentle slope. The background shows rolling green hills under a blue sky with scattered white clouds.

We think PV.

www.kpv-solar.com

We provide competence ...

Range of services.

KPV provides many years of extensive experience in the turnkey realization of large PV power plants. Our installations are especially designed for longevity and superior investor returns.

KPV's project engineering group, headquartered in Austria, has already successfully put a wide range of installations into operation in various countries.

KPV's extensive power plant expertise supports installations on:

- ground mounted
- roof top
- covered structures (e.g. carports, greenhouses,...)

Best investor returns.

Outstanding returns are engineered in collaboration with our in-house partner KIOTO Photovoltaics GmbH already at the very moment of module manufacturing.

Our photovoltaic modules are sorted according to extreme narrow efficiency and current tolerances, ready to be placed exactly at the right spot in the power plant and tuning each string and section of the installation to the limit!

Strategic partnerships.

Additionally, strategic partnerships with reknown inverter (e.g. Fronius) and mounting structure (e.g. Schletter) suppliers guarantee the availability of best European components for our turnkey solutions.

KPV – your ideal partner for Photovoltaic Power Plant Projects.



KPV ground mounted PV park / Spain



KPV in-roof system / Italy



KPV car port / Slovenia

... and turnkey solutions.



Project Development

KPV plans and develops PV power plant projects for investors. This includes carrying out the initial economic feasibility forecasts, finding a suitable location, securing title to the land and taking care of all feed-in contracts with energy utilities.

Execution

Under the leadership and quality control of KPV as an experienced EPC contractor, the PV power plant can be constructed in the shortest possible time

Operation

During the entire period of operation and use, KPV checks all functions of the photovoltaic power plant and documents its performance on an ongoing basis. These seamless online diagnostics, in cooperation with our on-site specialists, ensure trouble-free, yield-optimised operation, and effectively prevent unpleasant surprises.

We guarantee more profit ...

KPV
Solar

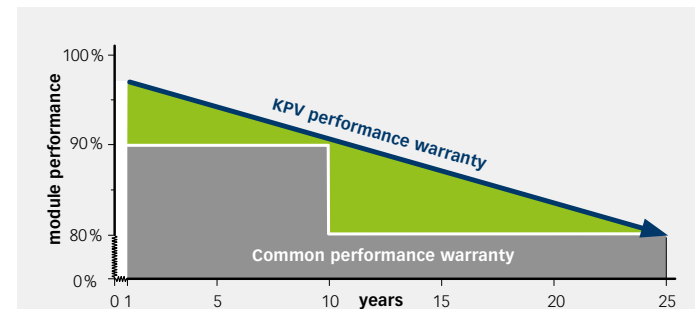
Additional
yield

- Optimized cabling
- High quality inverters & transformers
- Optimized planning
- 24/7 technical surveillance
- Linear performance warranty
- In-house partner for module manufacturing (current sorting)

100%

Standard Power Plant
(100% yield)

KPV –
additional yield



12 years full product warranty + 25 years performance warranty

... and security of investment.

100% Money Back Guarantee for the electricity yield of the installation.

KPV is offering a 100% money back guarantee regarding the yield of its installations.

Based on the details of a particular project, independent experts determine the expected electricity generation per year. With KPV's yield warranty the investor gets back the relative share of the turnkey price in case of an underperforming installation, e.g. 10 % less electricity yield leads to 10 % price reduction for the installation.

KPV is able to offer this security of return on investment through particular tuning measures in each phase of the project:

Project Development

KPV installations are planned for performance and sustainability. Based on a detailed evaluation of the project site, KPV ensures optimal yield for the investor, e.g. by:

- Choosing the best and most renowned components
- Dimensioning of the cabling for the worst case operating conditions
- Design of layout and structure for extreme climate conditions

Execution

KPV's experienced project managers ensure that the installations meet all planning and design requirements which include:

- Fine tuning of module positions based on accurate measurements and sorting in the factory
- Careful laying of cables to avoid internal or external disturbances and losses

Operation

Once built, KPV keeps the plant running for decades – guaranteed.

- Long term module warranties, including a linear degradation warranty over 25 years, ensure no premature losses
- 24/7 surveillance of the plants together with a proven maintenance concept ensure a plant availability of more than 99,9 %
- And just in case: our local experts ensure shortest repair times, should anything happen after all

We combine superior production ...

Made in Austria.

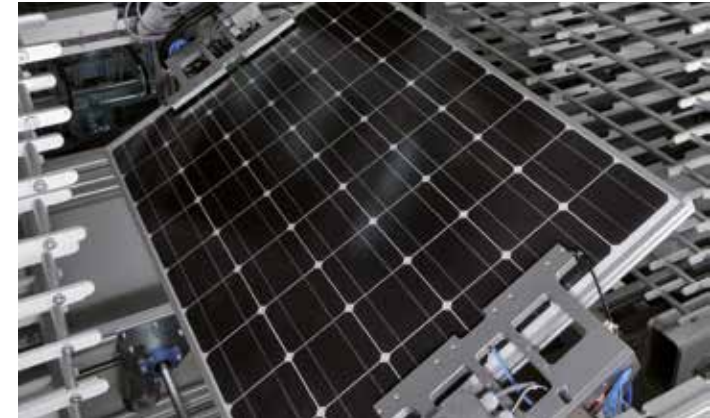
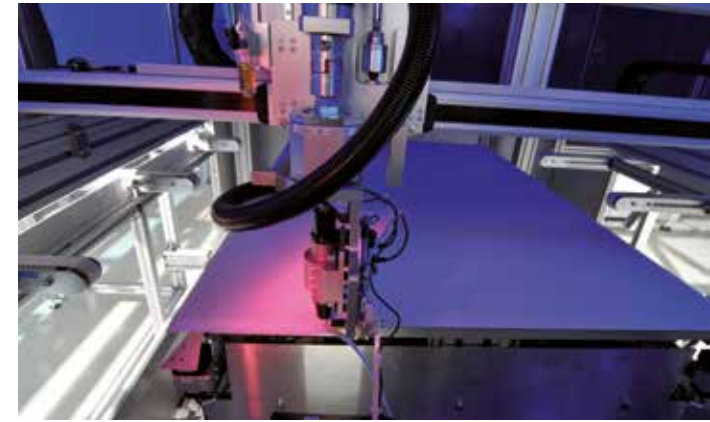
KPV uses modules of the in-house partner KIOTO Photovoltaics GmbH for its large PV power plants. These modules are produced in Austria according to ISO 9001/2000 Standards with all required IEC certificates (IEC 61215, IEC 61730).

Best quality.

KPV modules withstand highest snow loads (5400 Pa) and are extremely hail resistant (twice the IEC requirements!) All main components of these KPV high performance modules are of European origin, thus guaranteeing superior product quality for an extremely long life time.

Automated production.

The production of our modules is fully automated. In contrast to the general market standard, we sort our dedicated power plant modules in narrow ranges (current sorting). This ensures a clearly and measurable better power plant performance for our customers. Module for module – string for string.



... and international expertise.

In order to build on solid legal ground, KPV links local specialists with top international lawyers.

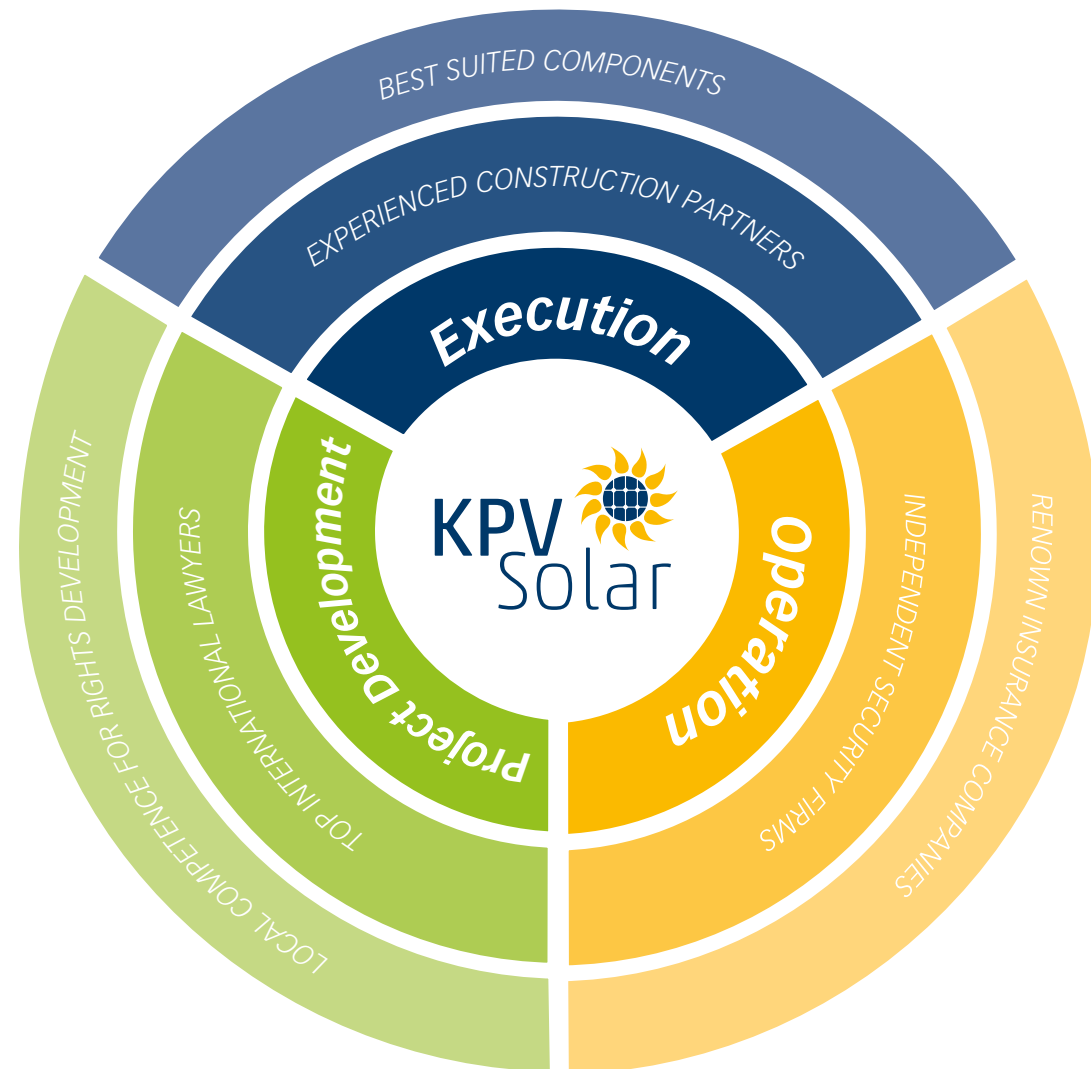
KPV's international project network ensures the required expertise for the execution of PV power plants.

KPV works with the most competent local construction companies and selects only the best suited European components based upon KPV's high quality specifications.

KPV insures the installations against all possible risks already during construction phase and employs only independent international security firms.

Technical operations of the power plant is performed on a 24/7 basis.

Commercial operations is executed in close cooperation with local tax and accounting specialists.





The sun rises in Austria.



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