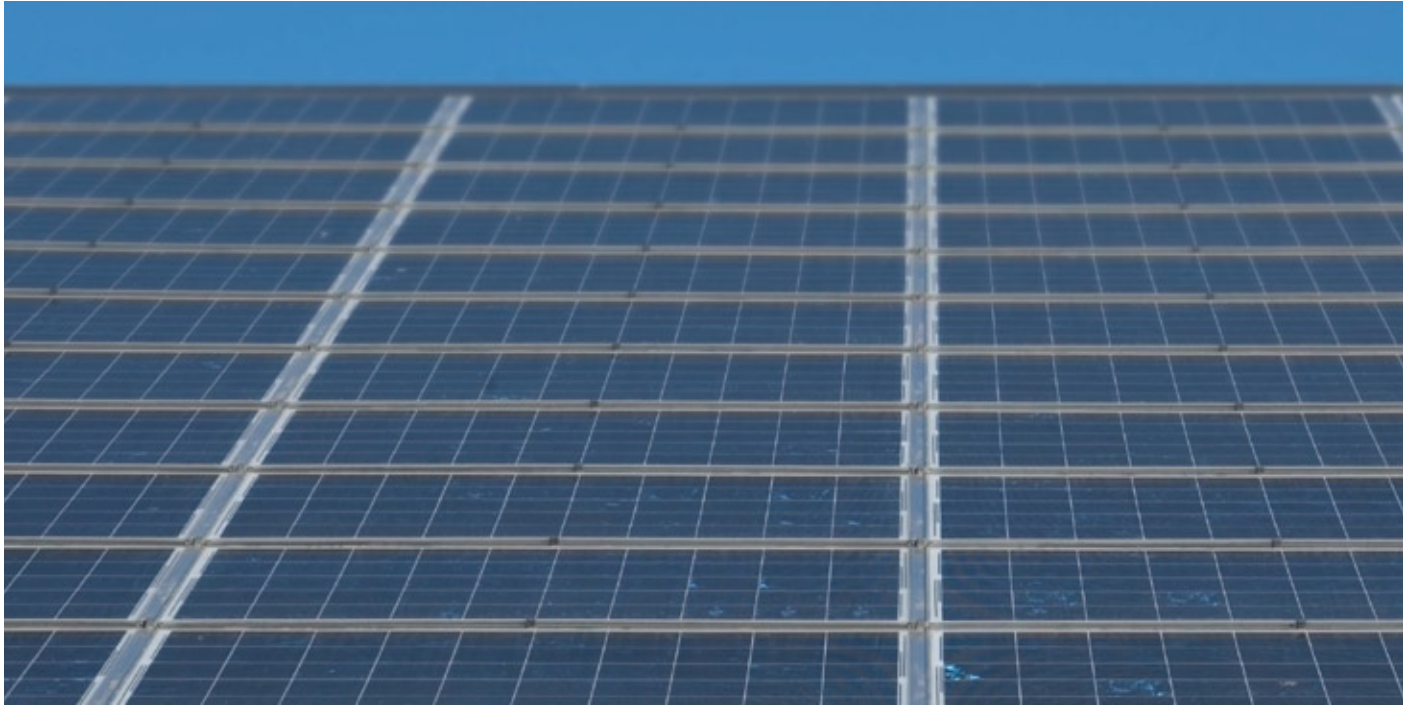




*A system for the future.  
SOLON photovoltaics.*



## *A system for the future.*

970 trillion kilowatt hours. That is the amount of energy the sun sends down to earth every day. Why should we ignore the chance to use this inexhaustible source of energy in a meaningful way?

A solar energy system is a secure investment in the future, especially thanks to the legally guaranteed reimbursement for the power generated. Depending on the type of module, feed-in tariff, and investment, a solar energy system will pay for itself in about twelve years. Yet another advantage: you will be making a vital contribution to the protection of our environment.

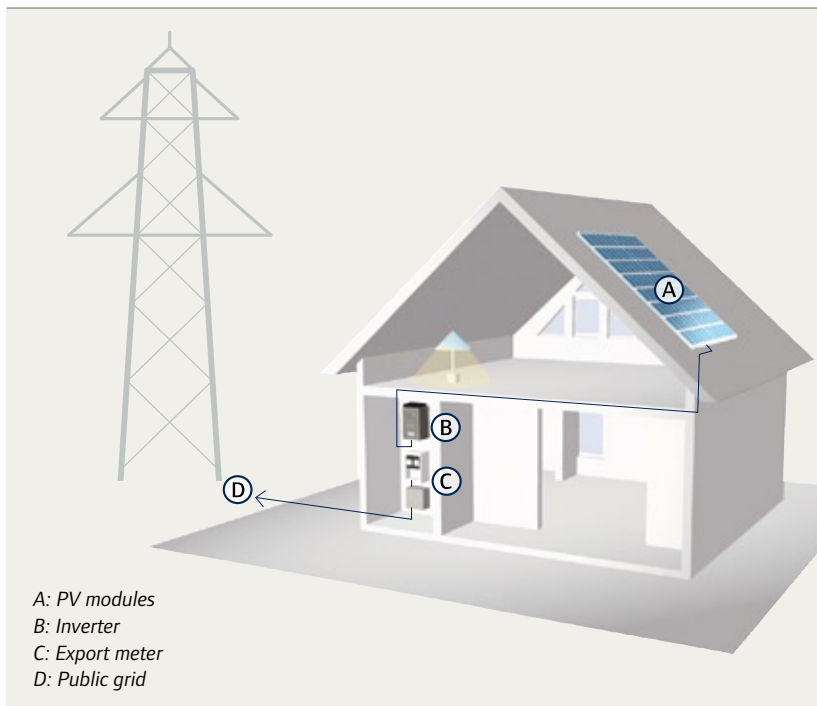
### **Three things are important when it comes to solar energy systems: Quality. Quality. Quality.**

A solar energy system is a long-term investment and should be made to generate output for at least 30 years. This is something that can only work when the solar modules and inverters used conform to the highest standards.

### **They will convince you in a matter of seconds. And for the next 30 years. SOLON modules.**

SOLON is setting efficiency and reliability standards: when we develop our products, we do not just rely on innovative materials and the most modern technology – but on the knowledge and long-term experience of leading solar experts, too.

SOLON modules are not just known for optimum yields, but also for longevity. These features are not a coincidence: SOLON is one of the largest photovoltaic module producers in Europe. Our monocrystalline and polycrystalline solar modules will win you over with extremely high efficiency levels of up to 14.6 percent – over a power spectrum of 130 to 240 Wp.



### Suitable roof areas.

For a SOLON solar energy system with a nominal output of 1 kWp, you only need an 8 m<sup>2</sup> rooftop surface.

Sloping roofs with an incline of 15° to 60° and an alignment to the south-west, south, or south-east are particularly suitable for the installation of a solar energy system. Flat roofs with sufficient surface loading capacity also make ideal bases.

### Yields.

With an installed system performance of 1 kWp, you will produce an average approximate annual energy output of 850 to 1,050 kWh in Germany, depending on location and annual insolation.

### At SOLON, everything revolves around the sun. And your requirements.

SOLON does not just offer the highest level solar modules, but also a complete package of additional services – for a smooth-running system for decades to come.

We offer specialized all-risks insurance for rooftop systems in Germany and Spain. This protection includes damage to any part of the system and output losses and is free for the first two years from the system startup.

SOLON modules come with a power output guarantee of 90 percent for 10 years and 80 percent for 25 years.

We also offer free module recycling. With this service, SOLON guarantees that over 80 percent of raw materials will be returned to the economic cycle, reducing the waste burden on the environment.

### Example calculation: Germany 2009

16 SOLON Blue 230/07 modules  
 Nominal output 230 Wp per module  
 Total output 3.68 kWp

> Annual energy output per kWp  
 approx. 850 kWh

> Total annual energy output  
 approx. 3,128 kWh

> Feed-in tariff per kWh  
 € 0.4301

> Feed-in tariff per year  
 € 1,345

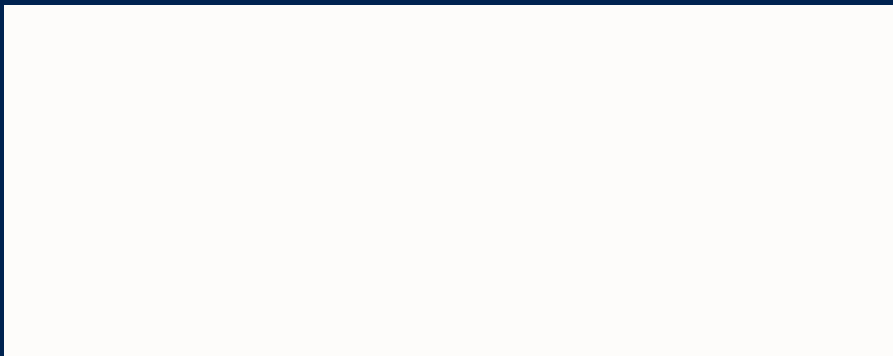
> 20 years + year of installation

~ €28,245 return on investment



# SOLON Service.

SOLON contractual partners in your vicinity will be happy to provide information for any questions you should have regarding SOLON products. For an overview of our partners, please visit our website at [www.solon.com](http://www.solon.com).



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