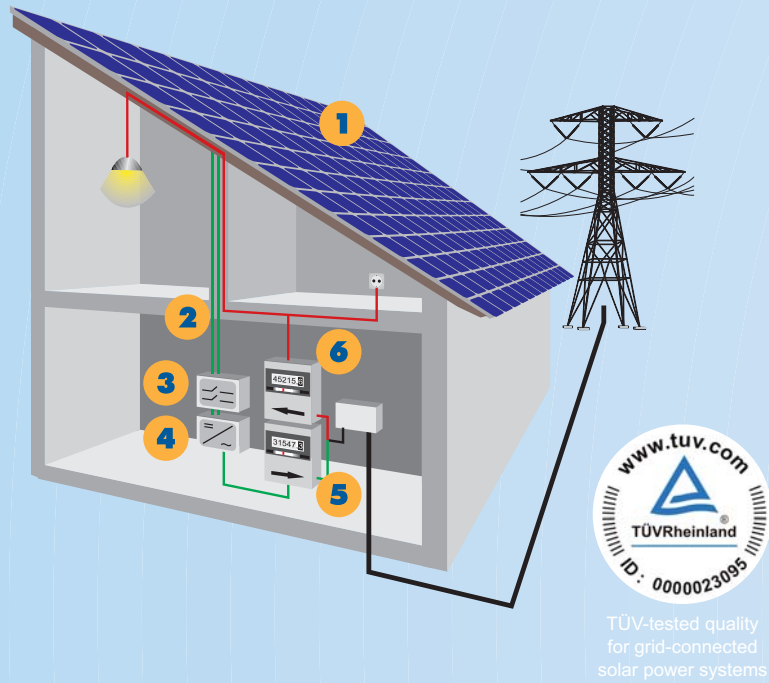


SOLARPOWER - The way it works



TÜV-tested quality
for grid-connected
solar power systems

- 1 PV-module**
Cells in the module convert light into direct current
- 2 Direct current wiring**
DC side cables of the system
- 3 DC switch**
Switch for separating the DC side from the inverter for maintenance
- 4 Inverter**
converts the generated DC into AC
- 5 Output meter**
counts the current generated by the PV system
- 6 Input meter**
counts the current procured from the utility company

CRISS-CROSSED PROFILE MOUNTING SYSTEM



The perfect fastening for SolarPower installations from GRAMMER SOLAR

- Optimal adaptability to all types of roof
- Easy module insertion system
- Flexible assembly with roof hooks, hanger bolts, extra loads or clamps
- Excellent rear ventilation
- Long-lasting due to high-quality corrosion-resistant materials (aluminium, stainless steel)
- Cable-laying along rail profiles possible
- Statically tested

OUR SYSTEM COMPONENTS

solarnova[®]

aleo asola

KACO
GERÄTECHNIK

power-one[®]
Changing the Shape of Power

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Your GRAMMER SOLAR partner company



www.webfriends.de

Figure: Public services Amberg

always
on the
sunny side



SOLARPOWER
... energy
with a future

grammer-solar.com

0153000155-07-2009

GRAMMER SOLAR - strong partner, highest quality

Factory building, E-Zaragoza, 53 kWp



TÜV-tested quality for grid-connected solar power systems

Out of tradition and experience, future-oriented technology

Grammer Solar is a regionally anchored yet globally active company with simple structures and a sunny future.

We have been producing solar current for more than two decades. We focus specially on planning and projecting efficient turnkey photovoltaic systems and supply them to countries all over the world. Our experience of over 30 years flows in each step of the project. The results are finest system technology in a nice design and maximum current yields.

As a general agent we can also realize your large projects and supervise your outputs after network connection. So you will be on the safe side.

Benefit from our competent full service. We are of course certified by TÜV and RAL!



- **Consultancy**
- **Conceptual design**
- **Distribution**
- **Project engineering**
- **Projection and Execution**
- **Monitoring**

The Grammer Solar team consists of more than 40 employees, mainly engineers and technicians in the fields of electrical engineering, construction and industry. These are the best conditions for an efficient and profitable SolarPower-system.

The Grammer Solar team of specialists - always receptive to your questions and procuring the right answers.

SOLARPOWER - simply good ...



Reliability, professionalism and highest quality "made in Germany"

This is what our partners in craft and our customers appreciate: from consultancy over planning, up to the readily available delivery or assembly. Everything in best quality.

- **Full handling, everything from one source**
- **Always fast and in due time**
- **Only in-house, highly qualified specialists**
- **Remote monitoring of your system through internet**
- **Service-Hotline**

We guarantee a careful and optimized coordination of the system components, regardless of which plant size you wish to realize.

This is why our product family contains only components of an uncompromisingly high quality. The focus lies clearly in modules from German production with long-lasting warranties really claimable in case of damage.

More than 1000 realized SolarPower-plants speak for themselves: once installed, they permanently provide excellent energy gains for decades.

You can rely on the experience and sustainable stability of Grammer Solar!

Manifold applications

- Industry
- Municipalities
- Agriculture
- Residential houses
- Open spaces
- Facades
- tailored solutions



grammer-solar.com