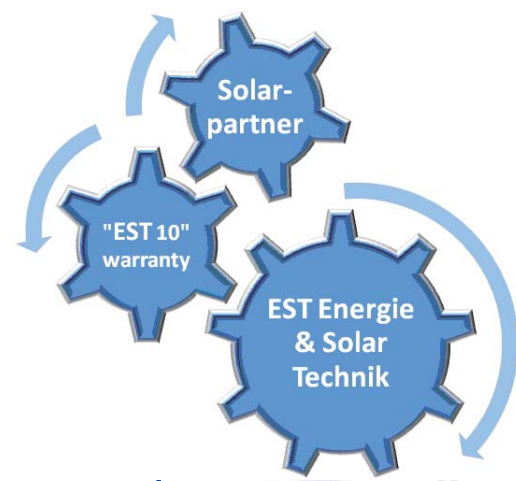


...the energy solution!

# SOLAR-PARTNER



## EST Solarpartner concept

### Why EST Solar-Partner?

EST is putting its main focus on high-class quality components only. As important are warranty, availability and enduring service. Therefore, we provide our partners with our EST-10-years warranty along with our EST-selected product range.

### “EST 10” – 10-year-product warranty on EST PV-sets

For solar-partners, EST provides a 10-year-warranty on PV-sets. To ensure best quality & safety to our clients, EST-PV-sets consists of: modules, inverters, module structure and DC-cables, are given a product warranty of 10 years from installation. The warranty is archived by selecting only first class components, delivered by our approved suppliers.

### “EST 10 - O & M” – 10 years warranty for EST-PV-parks and PV-projects

Together with our “EST 10 - O & M” (EST operation & maintenance contract), we offer a total **warranty of 10 years on all components**, plus an **earnings guarantee** on turn-key projects, installed by EST or our listed Solar-partners. The earning warranty is covered by a partner insurance.

### “EST 10” supplies you with selected, high quality components, such as:

- **Design Software – “P-design”** – your sales & design manager
- **Photovoltaic Modules – pure Quality**  
alkaSOL – Gloria – Scheuten Solar – Multisol – Latitude Solar
- **PV inverters – just the leading brands**  
Power One / Aurora – SMA – Fronius
- **DC-cables – manufacturer: SOLAR-KABEL, Germany**  
TÜV 2 PfG 1169/08.2007 approved  
galvanized Cu fine-strands VDE 0295 / IEC60228 Class 5
- **Module structure – the foundation of our PV-systems**  
**alka-base** – modular mounting system for flat roofs and open space installations  
**alka-roof** – the easy & fast way to install PV on the roof



# P-DESIGN

## P-design – the professional solution

### EST project software “P-design”

part of our philosophy is the provision of P-design to our solar-partners.

**P-design** is a Sales & Planning Software for EST solar-partners, planners and architects as a 3D configuration system, to simplify the planning, design and tender preparation of photovoltaic systems, taking account of the vendor-specific rules and standards.

#### task & features of P-design

- project planning within 15 min, incl. creation of all necessary documents, like:
- **3D layout plan** of the modules with consideration of possible shading
- define inverter configuration
- create the wiring diagram
- layout drawing of PV-structure/array
- detailed material list
- report for wind and snow load
- financial calculation / report
- fill in application form for grid operator / power authority
- prepare offer, already printed on company standard forms

