

SOLON Solar Modules.





Solar energy is changing the world. We power its development.

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?

SOLON SE is one of the largest manufacturers of solar modules in Europe as well as a supplier of solar system technology for large-scale rooftop and greenfield installations. Our core business is producing solar modules and photovoltaic systems along with planning and constructing large rooftop installations and turnkey solar power plants all over the world. For more than a decade now, we have been developing trendsetting projects through our subsidiaries in Germany, Switzerland, Austria, Italy, and the USA.

With intense scrutiny to every technical detail in all our projects it is equally important to us to get a clear view of the bigger picture. If we can use photovoltaics in a responsible manner, we can solve the great challenges of our time: from the increasing cost of electricity to the finite supply of fossil fuels and the impact of climate change.



Two essential components of any module: expertise and experience.

SOLON sets standards for efficiency and reliability. When developing our products, we not only use innovative, high-quality materials and the latest technologies, but also the knowledge and experience of leading solar energy experts throughout Europe and the USA. We use extremely strict quality control to ensure the high quality of our modules.



Winner
Innovation Award'09

24th PV symposium/Bad Staffelstein, Germany

Award-winning.

SOLON conducts intensive research in the area of module technology. In 2009 our research efforts were rewarded: Our SOLON Black 160/05 in-roof module won first place in the 2009 Innovation Competition held at the acclaimed 24th PV symposium in Bad Staffelstein, Germany. It was also awarded with the Intersolar Award 2009.

Our module portfolio.

Premium solar modules for a variety of applications: SOLON offers you optimal solutions for residential, commercial and large scale markets.

Classic Line. Long-standing experience for the highest quality.



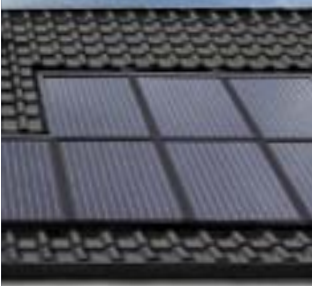


Our classics: The modules we have already manufactured in this line have a total capacity of more than 750 MWp. SOLON's monocrystalline and polycrystalline modules are suitable for a wide range of applications – from individual homes to industrial roofs and ground mounting systems. They are compatible with all standard mounting systems and, just like every other SOLON module, are extremely economical with a long service life.

Integration Line. Clever system with dual use.

Unlike roof-mounted systems, these solar modules are actually integrated into the roof surface in place of tiles. They can be combined with many types of commercial tiles. The modul system replaces conventional roof cladding and transforms the roof itself into a renewable energy provider. A special advantage of these in-roof systems: They meet the conditions for an increased feed-in tariff in several countries.

Design Line. Elegant aesthetics and first-class functionality.

For customers who do not only appreciate reliability and high yields, but also consider the aesthetic design when choosing a solar energy system. SOLON's monocrystalline design modules are manufactured entirely with black components. They combine proven SOLON technology with an especially harmonious rooftop appearance.

| | Residential | Commercial | Large Scale |
|--|--|--|-------------|
| Classic Line  | <ul style="list-style-type: none"> SOLON Blue 230/07 SOLON Black 230/07 | <ul style="list-style-type: none"> SOLON Blue 220/16 ¹⁾ SOLON Black 220/16 SOLON Blue 270/11 SOLON Black 280/11 | |
| Design Line  | <ul style="list-style-type: none"> SOLON Black 130/04 SOLON Black 230/02 | | |
| Integration Line  | <ul style="list-style-type: none"> SOLON Black 160/05  <p>Winner Innovation Award'09 <small>24th PV symposium/Bad Staffelstein, Germany</small></p> | | |
| Customized  | <ul style="list-style-type: none"> Lightweight modules Building integration Customer specific modules | | |

¹⁾ Available as of quarter III/2010



Quality is reflected in the details. SOLON solar modules.

The cell technology. Reliable and efficient.

- › State-of-the art cell technology from leading manufacturers worldwide
- › High efficiency and excellent low-light performance

The frame. Stable and durable.

- › 42 mm strong anodized aluminum twin-wall frame profile
- › Drainage holes for high weather resistance

The solar glass. Highly transparent and robust.

- › Extra-hardened, low-reflection 4 mm solar glass
- › Superior transparency for best possible yields

The SOLON connection socket. Resilient and safe.

- › Meets the highest safety standards
- › Metal cover with integrated cooling fins ensures optimal heat dissipation





SOLON Service.

A perfect combination: SOLON offers not only premium solar modules, but also – with our comprehensive product service program – solar systems that run profitably for decades.

SOLON solar insurance included.^{1) 2)}

We offer an all risks insurance policy for roof-mounted systems. The benefits include all damages to the whole system, yield losses as well as faulty installation. This free insurance coverage begins with the commissioning of the system and ends after two years.

Flexible and reliable delivery.

State-of-the-art logistic systems and experienced Supply Chain Managers ensure smooth delivery. Just-in-time delivery can be arranged for large-scale projects.

Module measurement data.

Each module delivery includes the associated measurement data in electronic format to help you properly configure your solar energy system.

Installation notes.

All SOLON modules are provided with a detailed Installation Manual to ensure safe installation.

Certifications.

SOLON modules are certified and monitored by TÜV in accordance with IEC 61215 Ed.2 and IEC 61730. Moreover, all SOLON products are manufactured according to the ISO 9001 and 14001 standards for Quality and Environmental management.

Free module recycling.

This service allows us to return raw materials to the economic cycle which helps to reduce environmental pollution through waste.

SOLON advantages

SOLON solar insurance for rooftop installations included^{1) 2)}

**10 year product guarantee²⁾
25 year SOLON performance guarantee**

¹⁾ Valid for the countries of the European Union and Switzerland.

²⁾ Not valid for SOLON Black 220/16 and SOLON Blue 220/16.



Selected references.



Photo: SOLON SE

Bovolenta, Italy

| | |
|---------------|--------------------|
| Capacity | 4,72 kWp |
| Product | SOLON Black 230/02 |
| Commissioning | 2009 |



Photo: Kaco new energy GmbH

Neckarsulm, Germany

| | |
|---------------|--------------------|
| Capacity | 5,4 kWp |
| Product | SOLON Black 160/05 |
| Commissioning | 2008 |



Photo: Antrack

Berlin, Germany

| | |
|---------------|-------------------|
| Capacity | 5,5 kWp |
| Product | SOLON Blue 220/03 |
| Commissioning | 2008 |



Photo: ENERĢ SERVIS a.s.

Řícmanice u Brna, Czech Republic

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|---------------|-------------------|
| Capacity | 5,52 kWp |
| Product | SOLON Blue 230/07 |
| Commissioning | 2009 |

Bad Waldsee, Germany

| | |
|---------------|--------------------|
| Capacity | 5.67 kWp |
| Product | SOLON Black 130/04 |
| Commissioning | 2008 |



Photo: AES

Arizona, USA

| | |
|---------------|-------------------|
| Capacity | 6.3 kWp |
| Product | SOLON Blue 220/01 |
| Commissioning | 2009 |



Photo: Spronge

Brieselang, Germany

| | |
|---------------|-------------------|
| Capacity | 9.7 kWp |
| Product | SOLON Blue 230/07 |
| Commissioning | 2008 |



Photo: Zische

Großkalbach, Germany

| | |
|---------------|--------------------|
| Capacity | 10.66 kWp |
| Product | SOLON Black 130/04 |
| Commissioning | 2008 |



Photo: Eurosol

Wyhl, Germany

| | |
|---------------|--------------------|
| Capacity | 15.47 kWp |
| Product | SOLON Black 160/05 |
| Commissioning | 2009 |



Photo: SOLON SE



Photo: Adsoba

Balgau, Germany

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|---------------|--------------------|
| Capacity | 15.75 kWp |
| Product | SOLON Black 230/02 |
| Commissioning | 2009 |



Photo: SOLON SE

Ponta Delgada, Portugal

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|---------------|-------------------|
| Capacity | 16 kWp |
| Product | SOLON Blue 230/07 |
| Commissioning | 2008 |



Photo: ENERG SERVIS a.s.

Komenského náměstí, Třebíč, Czech Republic

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|---------------|-------------------|
| Capacity | 24.42 kWp |
| Product | SOLON Blue 230/07 |
| Commissioning | 2009 |



Photo: AES

Überlingen, Germany

| | |
|---------------|--------------------|
| Capacity | 58.5 kWp |
| Product | SOLON Black 130/04 |
| Commissioning | 2008 |



Photo: Aitor Diago, ARTEUNO WELT S.L.

Santa Cruz de Tenerife, Tenerife

| | |
|---------------|--------------------------------|
| Capacity | 90 kWp |
| Product | SOLON M230/6+ SOLON M130/6+ |
| Commissioning | 2007 |

Ioannina, Greece

| | |
|---------------|-------------------|
| Capacity | 99.96 kWp |
| Product | SOLON Blue 230/07 |
| Commissioning | 2009 |



Photo: NRG Orion

Bratislava, Slovakia

| | |
|---------------|-------------------|
| Capacity | 110 kWp |
| Product | SOLON Blue 220/03 |
| Commissioning | 2008 |



Photo: Solartec

Padova, Italy

| | |
|---------------|-------------------|
| Capacity | 200 kWp |
| Product | SOLON Blue 220/03 |
| Commissioning | 2009 |



Photo: SOLON SE

Berlin, Germany

| | |
|---------------|-------------------|
| Capacity | 210 kWp |
| Product | SOLON Blue 230/07 |
| Commissioning | 2009 |



Photo: SOLON SE

Remilly, France

| | |
|---------------|-------------------|
| Capacity | 210 kWp |
| Product | SOLON Blue 220/03 |
| Commissioning | 2009 |



Photo: Voltaique



Photo: SOLON SE

Sasbach, Germany

| | |
|---------------|--------------------|
| Capacity | 267 kWp |
| Product | SOLON Black 230/07 |
| Commissioning | 2007 |



Photo: SOLON SE

Padova, Italy

| | |
|---------------|-------------------|
| Capacity | 477 kWp |
| Product | SOLON Blue 220/03 |
| Commissioning | 2009 |



Photo: Ikaros JBC

Houthalen, Belgium

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|---------------|-------------------|
| Capacity | 503.54 kWp |
| Product | SOLON Blue 230/07 |
| Commissioning | 2008 |



Photo: Grupotec

Náquera, Spain

| | |
|---------------|-------------------|
| Capacity | 812 kWp |
| Product | SOLON Blue 220/03 |
| Commissioning | 2008 |



Photo: SOLON SE

Torino, Italy

| | |
|---------------|-------------------|
| Capacity | 999 kWp |
| Product | SOLON Blue 220/03 |
| Commissioning | 2009 |

Mallorca, Spain

| | |
|---------------|-------------------|
| Capacity | 1.4 MWp |
| Product | SOLON Blue 220/03 |
| Commissioning | 2008 |



Photo: SOLON SE

Lodi, Italy

| | |
|---------------|-------------------|
| Capacity | 1.7 MWp |
| Product | SOLON Blue 220/03 |
| Commissioning | 2008 |



Photo: SOLON SE

Mallorca, Spain

| | |
|---------------|--|
| Capacity | 2.3 MWp |
| Product | SOLON Blue 220/03 SOLON Blue 220/07 |
| Commissioning | 2008 |



Photo: Generacio

Moclinejo, Spain

| | |
|---------------|---------------|
| Capacity | 7.0 MWp |
| Product | SOLON P220/06 |
| Commissioning | 2008 |



Photo: SOLON SE

Alange, Spain

| | |
|---------------|-------------------|
| Capacity | 8.5 MWp |
| Product | SOLON Blue 230/07 |
| Commissioning | 2008 |



Photo: a+f GmbH, Würzburg

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