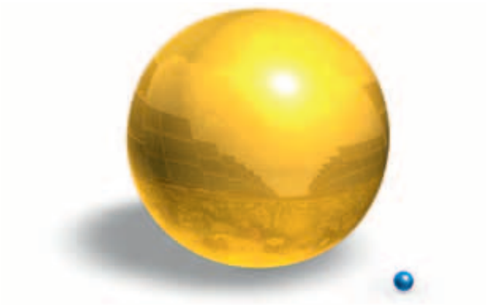
SUNTECH

Solar powering a green future™

Why take our electricity from the sun?

In one hour the sun supplies enough energy to cover the needs of the earth for a whole year. Fossil fuels are becoming scarce and increasingly expensive. The sun is the source of energy for the future – clean and free. As the world's leading solar energy company, Suntech is devoting all its energy to putting this potential to perfect use with innovative products.



The amount of energy supplied by the sun compared to world-wide energy demand

With the power of the sun

Fossil fuels are becoming increasingly scarce and expensive. At the same time, the worldwide demand for energy is rising steadily – and the consequences of climate change are already noticeable. Only renewable energy sources will provide a viable solution for clean, reliable energy in future. And solar energy has a vital role to play.

Technological progress in solar energy and clear environmental goals mean that more and more ultra-efficient, durable photovoltaic systems are in use. Good for the environment, good for your conscience and good for future generations.

For a greener future

As the world's leading producer of solar modules, we put all our passion and expertise into manufacturing first-class products, combining the highest levels of quality and reliability with excellent value for money.

It all began with an idea: After studying in Australia, Zhengrong Shi founded Suntech in 2001 with the aim of making clean, affordable energy available to anyone, anywhere in the world. Today, we are active in 80 countries and, with the help of our products, Suntech customers are helping to reduce CO_2 output and create a sustainable future.

"Because we can't afford to let the earth burn out."

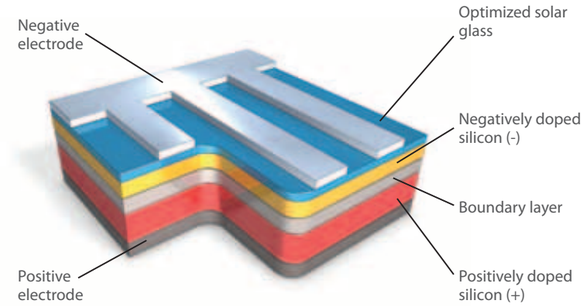
Öschelbronn, Germany:
House with Suntech modules

How does photovoltaics work?

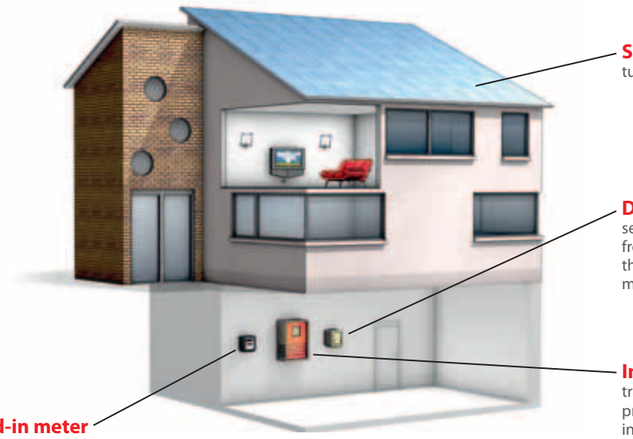
As the sun's energy is endless, it can be described as a renewable source of energy. The principle is very simple: Sunlight is turned into electricity. A photovoltaic system consists of four components, and at its heart lie solar modules that will produce clean, safe electricity for decades.

Solar cells – miniature power stations

Solar cells consist of a positive (+) and a negative (-) layer. When sunshine (photons) hits the surface of the cell, the photons push the electrons (-) to the positive layer, similar to the way magnets repel each other. Moving electrons create electricity and the more electrons are moved by the photons, the more electricity flows. More sun therefore equals more electricity. This is also known as the photoelectric effect.



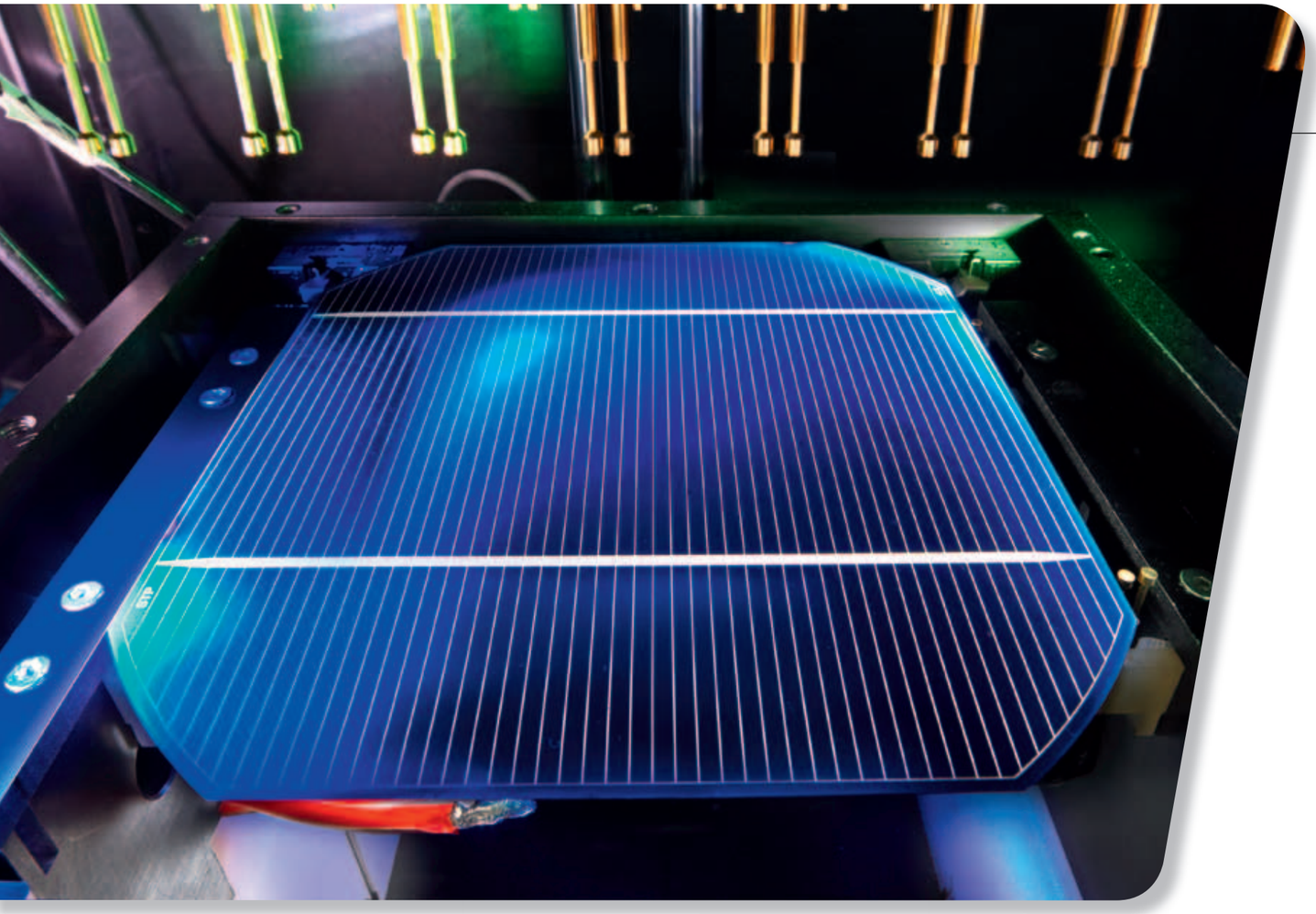
The four components of your photovoltaic system



Modules – the heart of your photovoltaic system

Solar modules are the most important element when it comes to the total energy yield of your photovoltaic system. The modules on your roof are combined to form a solar generator that turns sunlight into electricity. The higher the quality and output of your modules, the more attractive the prospects for your yield.

"Simple and clean."



Why use Suntech modules?

If you don't want to compromise on the quality, durability and yield offered by your solar installation, then choose the world's leading manufacturer. We offer performance, reliability and warranty terms well above the industry standard. And all at a great price. Profit from our experience as the global market leader.

Experience and efficiency: Qualities that make our products stand out

In cooperation with our partners, we have already installed more than 15 million solar modules in more than 80 countries and at 3 GW are the largest and most experienced manufacturer of solar panels in the world. Whichever Suntech module you choose, the price you pay includes our extensive experience and quality standards which have been endorsed by independent institutes.

Highest quality and efficiency

- **6.7% Higher Output-Warranty**
- **Positive Power Tolerance**
- **Enhanced Weak Light Performance**
- **100% Power From Day One**
- **High Module Efficiencies**
- **Power Optimized Current Sorting**

Maximum reliability

- Suntech solar modules are produced according to the highest technical standards using top quality components. The result is optimal reliability and durability
- Suntech tests its solar modules more rigorously than is required by international standards. The advantage for you: Greater safety and reliability
- Our market leadership, international success and solid financial foundation offer long-term security
- Thanks to our local staff and partners, we are always close by

"Because I trust the global market leader."

What advantages does solar electricity offer?

If you are looking for a safe and profitable investment, solar power is the perfect choice. Whether feeding electricity into the grid or generating it for your own use, the income guaranteed by legislation on feed-in tariffs for the national grid and attractive opportunities for tax write-offs mean that photovoltaic systems offer long-term security and consistently high yields. Just what you would expect from a good investment.

Hokkaido, Japan:
House with Suntech modules

Solar installations are profitable – anywhere in Europe

Investing in solar electricity is worthwhile whichever way you look at it, with many opportunities to receive financial incentives in the form of subsidies, feed-in remuneration and special loans. Financing is available to private householders almost everywhere in Europe for promoting renewable energy. Let's look at three examples:

Feed-in tariffs

For nearly all EU member states, the remuneration for electricity from renewable energy sources is regulated by law. Ask your local distributor for details of the relevant laws in your country.

Subsidies

Some countries offer the chance to benefit from direct subsidies for financing and realizing your solar installation. Ask your local distributor for details.

Tax advantages

In some countries, running a solar installation brings with it opportunities for tax advantages and write-offs. Talk to your accountant about saving money and making your solar installation even more profitable.

"A healthy bank account and a clear conscience."

Harness the power of the sun.

1. Check your roof

- ☐ Your roof should have an area greater than 50 m^2
- ☐ It should ideally face South, South-East or South-West
- ☐ It should have an inclination of between 10 and 50 degrees
- ☐ The majority of the surface should not be shaded

2. Find an installer in your area

Our sales partners will recommend an installer in your area. You will find a list of our sales partners at **www.suntech-power.com**

3. Make an appointment

The installer assigned by the Suntech partner will visit you at home. They will take care of everything, from planning and realization to costing.

4. Clarify the financing

- ☐ Clarify the financing of your solar installation. How much of the cost do you want to cover yourself and how much by financing?
- ☐ Talk to your bank or accountant
- ☐ Find out about possible financial incentives

5. Relax. From now on, we will take over.

After everything has been sorted out, you can simply sit back and relax. Your professional installer will deliver and install your solar installation on time.

Öschelbronn, Germany:
House with Suntech modules

Valencia, Spain:
House with Suntech modules

Ceské Budejovice, Czech Republic:
House with Suntech modules

www.suntech-power.com

Presented by

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