

# The Suntech Advantage

**SUNTECH**  
Solar powering a green future™



**6.7% Higher Output-Warranty**



**Positive Power Tolerance**



**Enhanced Weak Light Performance**



**100% Power From Day One**



**High Module Efficiencies**



**Power Optimized Current Sorting**



Solar modules are the “heart and soul” of the installation. If you want to ensure that the modules you choose are amongst the best available on the market, there is only one right choice: Suntech.

3 GW of installed power in more than 80 different countries are proof of the extent and diversity of Suntech’s installations. We are the global market leader with world-class research and development capabilities, state-of-the-art production processes, subsidiaries on every continent, and a sound financial basis. You can trust us today and in the future.

**Turn the page to see a summary of why you, too, can trust in the experience of the global market leader.**

Certifications and standards:  
IEC 61215, IEC 61730, conformity to CE



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# Why Suntech?



## 6.7% Higher Output-Warranty

Standard performance warranties in the industry cover 90 % over 10 years and 80 % over 25 years. However, it is not just output that counts, but also its continuity. This is why we offer a leading, transferable power output warranty which is ideally graduated: 95 % over 5 years, 90 % over 12 years, 85 % over 18 years and 80 % over 25 years.

**Your benefit: Up to 6.7% higher output guaranteed throughout the life cycle of the installation.**



## Positive Power Tolerance

Many competitors' solar modules have a power tolerance of +/- 3%, meaning that, ultimately, system owners receive less output for their money. Our solar modules all enjoy positive power output tolerance of up to + 5%.

**Your benefit: Better performance for your investment – guaranteed.**



## Enhanced Weak Light Performance

Module output under laboratory conditions usually does not reflect actual output once the module is installed on the roof. Behavior under weak light conditions therefore has a strong impact on a solar installation's yield. Novel cell design and solar glass with improved light transmission both ensure that our modules perform excellently under weak light conditions – which means under real conditions.

**Your benefit: Up to 2.5% higher energy yield.**



## 100% Power From Day One

As soon as the first ray of sunlight shines on the module, initial light-induced degradation (LID) can reduce the efficiency of a module to a level below its nominal output. The Suntech TruPower™ process takes account of the effects of LID in the definition of nominal output. Our method neutralizes LID and our customers have at least 100% of the power that they pay for from the very first day.

**Your benefit: Guaranteed nominal power with Suntech modules.**



## High Module Efficiencies

Roofs often have only limited space for solar modules. The higher the solar module's efficiency, the better the surface efficiency of the entire system. Our solar modules have above-average efficiencies of up to 15.7%.

**Your benefit: Suntech modules help to exploit the full potential of limited roof space.**



## Power Optimized Current Sorting

The performance of the entire chain is always determined by the weakest link. Our module sorting by current class ensures that each component within a solar installation can achieve maximum output. And installation is quick and easy and provides perfect performance results.

**Your benefit: Up to 2% higher installed system power with the same power class.**

## Suntech gives you more for your money

*Whether residential roof, agricultural building, industrial plant, or solar power plant: The world's leading module producer, Suntech Power can be trusted to offer you high-quality, durable and reliable solar modules at a fair price. In short: Suntech offers the best price/performance ratio, securing attractive long-term yields for any type of solar installation.*



Öschelbronn, Germany:  
House with Suntech modules



Friolzheim, Germany:  
Farm with Suntech modules



Genk, Belgium:  
Town hall with Suntech modules



Alentejo, Portugal:  
Solar power plant with Suntech modules