

# Sunmodule<sup>+</sup>® – Quality and performance





**NEW!** 25-YEAR LINEAR PERFORMANCE AND PRODUCT WARRANTY EXTENDED TO 5 YEARS\*

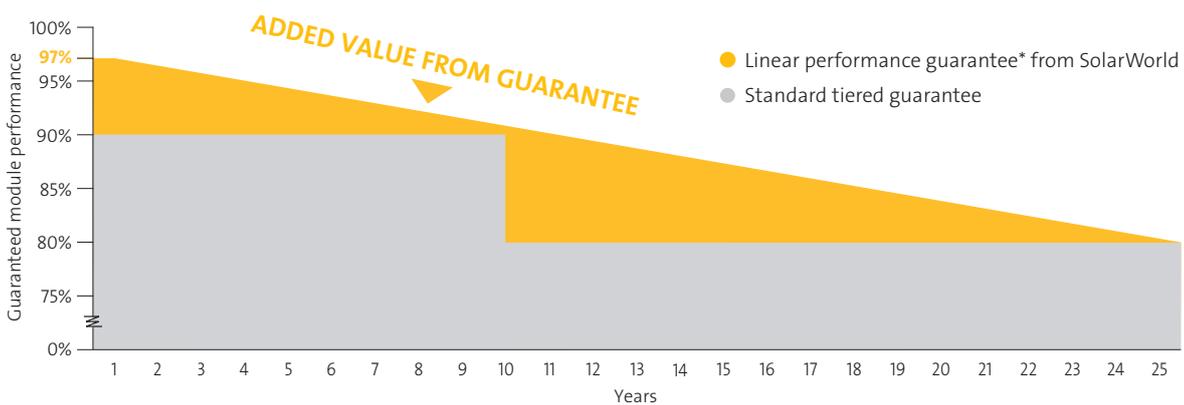
## Top of the range products for every application

The Sunmodule Plus® is produced in SolarWorld AG's state-of-the-art, fully automated production plants, meeting the highest possible quality standards. The different module dimensions allow for the use of the mono- and polycrystalline products in any solar power application – from a residential rooftop up to a large-scale plant.

### Performance

SolarWorld's unique plus-sort system ensures more efficiency and better performance. After the performance test, the modules are graded in 5 watt intervals and labelled. Only those modules that demonstrate the nominal power as a minimum are delivered. Maximum security, maximum guarantee: SolarWorld AG is the world's first solar company to offer a linear performance guarantee. SolarWorld guarantees that the actual power of a new module can only deviate to a maximum of 3 percent from the nominal power during the first year and that this power will not decrease by more than 0.7 percent per year thereafter.

### Linear performance guarantee\*



\* according to the Solar World service certificate valid at the time of purchase | [www.solarworld-global.com/service-certificate](http://www.solarworld-global.com/service-certificate)

### Quality control

SolarWorld maintains a consistently high level of quality for each and every product through continuous monitoring and control of the production process, from wafers and cells through finished modules. The SolarWorld Group's comprehensive quality control system ensures that all of our products meet the highest demands for quality and reliability.



• Qualified IEC 61215  
• Safety tested IEC 61730  
• Periodic inspection





## High-quality, reliable, high-performance

The Sunmodule Plus<sup>®</sup> as well as the new Sunmodule Plus black<sup>®</sup> which stands out due to its homogeneous black surface, prove to be perfectly suited for use in a wide variety of applications. Whether for a pitched or flat roof, open spaces or a SunCarport<sup>®</sup>, an extensive range of SolarWorld products are available for planning and mounting.

> Sunmodule Plus SW 220-235 poly

> Sunmodule Plus SW 225-240 mono

> Sunmodule Plus SW 220-235 mono black

> Sunmodule Plus SW 145-155 Compact mono black



### Electrical connections

The patented, flat and compact junction box, which has already been applied more than 4,000,000 times, guarantees maximum safety. The box, with its welded connections, ensures a reliable electrical junction and provides protection against corrosion. The rapid heat dissipation capability provides optimum temperature consistency.





Sunmodule Plus<sup>®</sup> outshines the competition:

- > **Plus-sort**  
The Plus-sort (based on a SolarWorld flash report) ensures the highest possible system efficiency.
- > **Wide range of applications**  
The increased mechanical load capacity of up to 5.4 kN/m<sup>2</sup>, tested according IEC 61215 confirms the suitability of the Sunmodule Plus<sup>®</sup> for use in areas with potential heavy snow and ice loads.
- > **LaLong-term performance guarantee\***  
The 25 year performance guarantee and the suitability of the modules for recycling provide the finishing touch touches to a top quality product.
- > **Frost protection**  
Holes in the hollow section prevent the build-up of condensation water and prevent damage to the frame due to the expansion of freezing ice.
- > **High flexibility**  
The extra space between the cells and the module frame allows horizontal as well as vertical mounting.
- > **Global quality standards**  
The Sunmodule Plus<sup>®</sup> complies with the IEC as well as the UL standards and is thus suitable for installation around the world.



## Years of experience in all solar applications

You can trust in Solarworld AG's years of experience producing modules and complete systems. System components that are ideally matched ensure optimum long-term yields and failure-free operation. Whether it is for single-family houses or apartment buildings, agricultural buildings or large solar power systems – you can rely on our customized systems for every type of application. SolarWorld® modules and systems give you the most energy from the sun.

# Top quality across all levels of production

SolarWorld AG, with sites in Germany, Spain, Asia, Africa and the US is one of the world's biggest groups of solar companies. All products from raw silicon up to large solar systems are produced within the Group. Consistent quality management and state-of-the-art R&D departments guarantee the ongoing high yield of the products. Moreover, SolarWorld® recycles all conventional solar power modules and thus completes the material cycle, maximizing solar energy's environmental benefits.



## Benefits at-a-glance

### > German technology

With SolarWorld, you've chosen premium products that meet German quality standards. SolarWorld AG's main production site is located in Freiberg/Saxony and employs 1,500 people.

### > Many years of experience

With over 30 years of production expertise, SolarWorld AG has been a world market leader for many years.

### > 25-year linear performance guarantee and product warranty extended to 5 years\*

Sustainably high-performing products ensure stable output over the long term.

### > Prize winning products

An endurance test performed by the trade magazine Photon ranked modules from SolarWorld in first place, in 2008 as well as in 2009.

\*according to the Solar World service certificate valid at the time of purchase | [www.solarworld-global.com/service-certificate](http://www.solarworld-global.com/service-certificate)

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**We turn sunlight into power.**