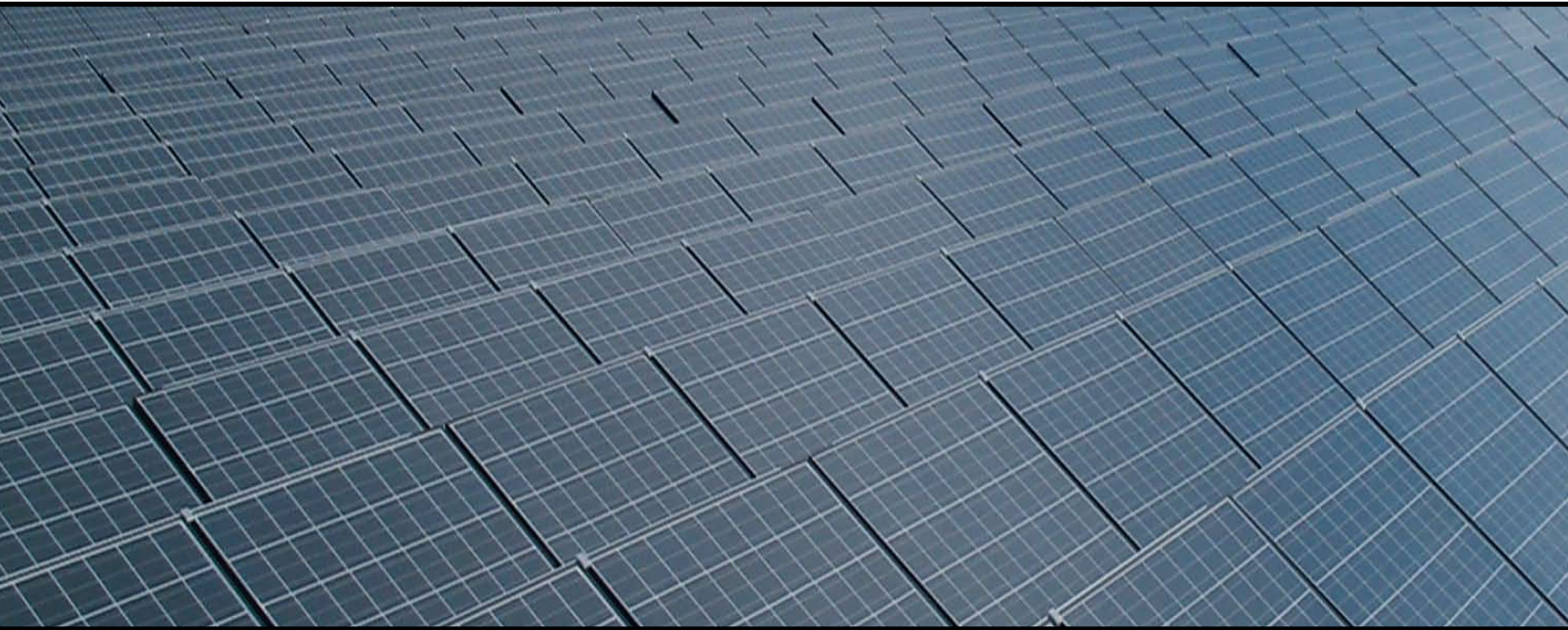


# WHY KYOCERA?

## SOLAR EXPERTS SINCE 1975



### **FINANCIALLY STRONG COMPANY - FOR 50 YEARS**

With Kyocera, you can develop long-term stable business relationships. Rating agency Moody's confirms this with its AAA rating

### **OVER 35 YEARS OF EXPERIENCE WITH SOLAR**

Kyocera has played a decisive role in shaping the development of solar technology from the very beginning. Kyocera first started work with solar power in 1975 and has since perfected the technology to become an industry leader.

### **INNOVATIVE CUTTING-EDGE TECHNOLOGY**

Commitment to continuous improvement, Kyocera's Kaizen Philosophy, has led to world-record-breaking cell efficiency levels (2006: 18.5%).

### **COMPREHENSIVE RANGE OF MODULES**

Broad product portfolio features modules for highly diverse applications, both grid-connected and off-grid.

### **EXEMPLARY EFFICIENCY AND VERY HIGH ANNUAL ENERGY YIELDS**

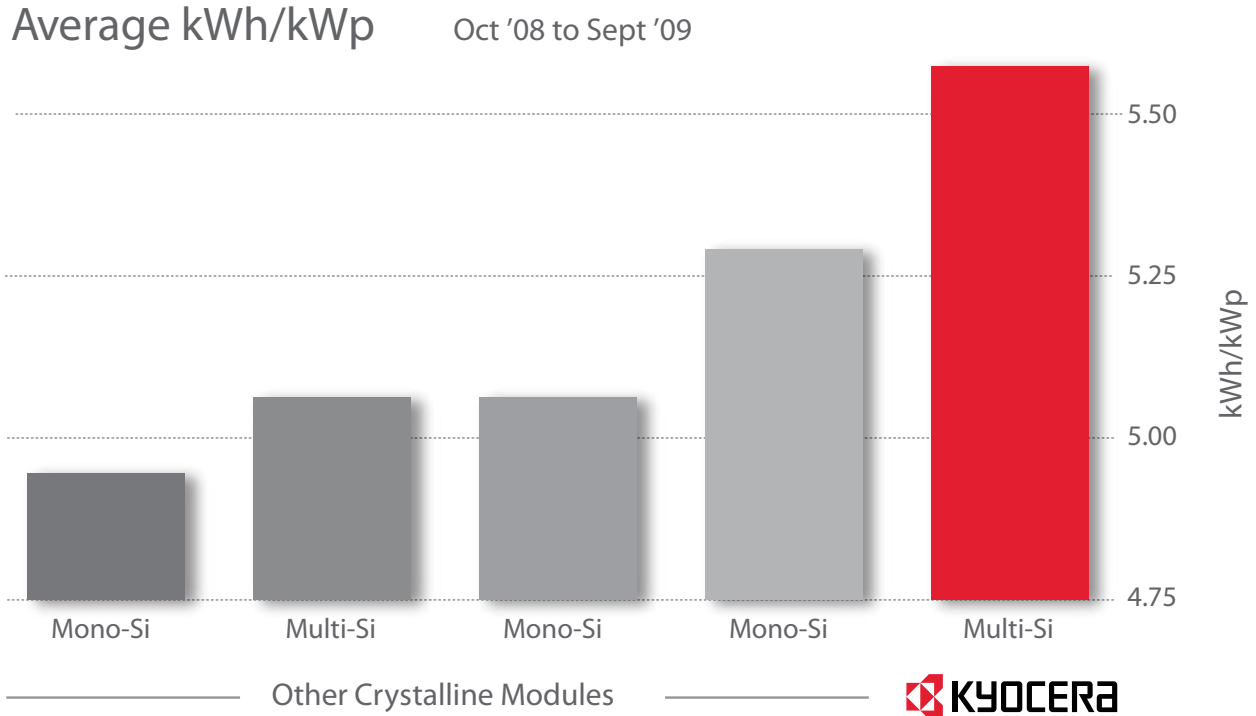
Kyocera high-performance solar cells with efficiency of over 16% guarantee extremely high annual energy yields from the PV system.

Each module undergoes a 100% final check with individual measurement of electrical parameters. Thus only high performance modules leave our factories. Naturally, with every module delivered, we provide the performance data (flash test) measured in the factory.

This approach enables Kyocera to produce solar modules with the industry's tightest power tolerance.

**PROVEN PERFORMANCE**

Independent tests show Kyocera Solar has recorded the highest average output of any crystalline module, see chart below. These tests, conducted at the Desert Knowledge Australia Solar Centre, put various systems on an even playing field, enabling accurate and unbiased comparisons of technology performance.

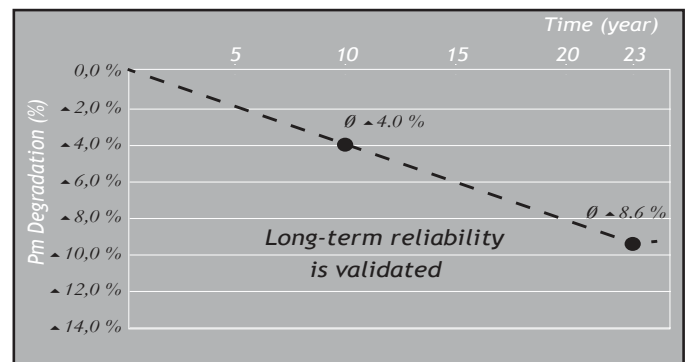


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**RELIABILITY BASED ON FIELD EXPERIENCE**

Kyocera installed a 43 kW test system at its research facility in Sakura, Japan, in 1984. The PV modules are still performing very well to this day and are a valuable source of data for R&D efforts.

The output of the modules on the Sakura facility dropped by just 4% after 10 years, see chart to the right. Even after 23 years, the degradation value was just 8.6%. It is remarkable that this value was achieved with the technology and material which were available back then. Kyocera has made technological advances since then, leading today's current Kyocera product to perform remarkably better.



**KYOCERA MODULE OVER PERFORMANCE**

Kyocera modules are known to perform extremely well in the field.



PPL Renewable Energy Park - Camden Co., NJ  
500kW System  
Performing at 105%



Gatorade Distribution Facility - Tolleson, AZ  
500kW System  
Performing at 108%



Integrity Building Corporation - Mesa, AZ  
19.2kW System  
Performing at 106%



Alvarado Water Treatment Facility - San Diego, CA  
1.2 MW System  
Performing at 115%