

# POSITIVE QUALITY



**THE TRUST MARK  
FOR SOLAR ENERGY  
YOU CAN BANK ON**

[smartenergy.org.au](http://smartenergy.org.au)



**POSITIVE QUALITY™**  
Continuous Quality Assurance



**SMART  
ENERGY  
COUNCIL**



# MANAGING YOUR RISK WHEN BUYING SOLAR PV MODULES

To qualify for the Positive Quality™ logo solar PV manufacturers must undergo a random, ongoing series of audits conducted by independent experts from the Australian Smart Energy Council.

## What do we Audit?

The audit is conducted in three stages:

- **Certificates audit**
- **Factory audit**
- **Photovoltaic module production verification audit**

## Certificates Audit

The audit sites and verifies documents and certificates such as:

- **Business License**
- **Tax Registration Certificate**
- **ISO 9000 Certificate**
- **Applicable IEC Certificates and Reports**

We will also note if the company has any certifications above the minimum requirement that may be applicable.



## Factory Audit

The factory audit comprises a 100 point check that thoroughly checks and audits the following items:

- **Quality Assurance System**
- **Incoming Materials Control**
- **Production Process Control**
- **Final Inspection and QA Testing**
- **Devices and Equipment Control**

The audit is completed on any production lines that are used to produce modules that are exported to the Australian market. They are inspected while producing Australian stock.

The audit will identify any substitution of bill of materials, poor training, and errors being made in the manufacturing process.



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## Photovoltaic Module Verification Audit

In this audit completed on solar modules are selected at random (including from modules previously produced and packaged for export to Australia).

This audit checks the performance and quality of completed modules and all modules must be within strict tolerances before being approved.

**This audit includes:**

- **Appearance Audit**
- **EL picture**
- **IV test**
- **Hi-Pot Test**
- **Wet Leakage Current**
- **Packaging**





## What is Driving this Audit?

The Australian solar PV market is widely known in China as an extremely price sensitive market.

There are strong commercial drivers for manufacturers to produce the lowest priced panels possible.

This leads to a serious temptation to substitute materials and cut corners with modules being produced for the Australian market.

As a customer, importer, or solar installer you cannot afford to be installing substandard solar panels.

## Your Peace of Mind – Free of Charge

By inspecting participating manufacturers on a random ongoing basis, through an exhaustive checklist conducted by independent professionals you can have peace of mind that Positive Quality™ solar panels will deliver as advertised.

**For more information** visit: [www.positivequality.com.au](http://www.positivequality.com.au) or contact

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## POSITIVE QUALITY™ SOLAR PV MODULES

Currently the following solar PV module brand has been successfully audited by independent experts at the Australian Smart Energy Council.

By buying this brand you can have peace of mind that you really are receiving what you are paying for.

**The Positive Quality™ brand you should choose is:**

*Solar*  
**JinKO**







**The Positive Quality™ program GIVES CUSTOMERS ASSURANCE that they have selected a quality solar panel.**

The Positive Quality™ program promotes solar PV module brands that are proven to consistently meet a high standard of manufacturing quality.

**The program does this by actively inspecting and certifying panel manufacturers through three stages:**

- A check of registration and certification.
- A 100 point manufacturing check, to test quality control procedures.
- Active testing of manufactured panels.

### **WHY DEMAND POSITIVE QUALITY™?**

The Positive Quality program plays a vital role in protecting consumers, resellers and distributors as well as the reputation of the solar energy industry.

**The program is designed to ensure that:**

- Positive Quality solar modules have been tested in the manufacturing plant and meet high standards.
- Only those companies that pass the most rigorous testing are awarded the Positive Quality trust mark.
- Solar modules provide superior long-term performance in Australian conditions.
- Peace of mind for consumers – that you are getting the performance, durability and quality you are paying for.

### **TOTAL INVESTMENT**

**AU\$9,900 INC. GST per inspection**



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