



Solar powering a green future™

How do you choose the right solar panels?

All solar panels are not alike. There are significant differences in the products, warranties and companies that manufacture them. Because of Suntech's world-class research and high production standards their panels help to harness more of the sun's power today, and tomorrow. The more you learn about Suntech, the more you'll know that Suntech panels are the smartest choice for your system.

Choose Suntech - choose the affordable, practical solar solution

Suntech panels represent great value, decades of dependability at an affordable price. By choosing Suntech Solar Power you choose a product representing:

- Australian research exported to the world;
- One of the most reliable high quality panels, and
- One of the industry best product performance warranties.

Did you know that Suntech panels undergo some of the most rigorous testing in the industry? Their team of 700 quality control professionals oversee a disciplined, 53-step quality control and inspection process to ensure Suntech products meet the most stringent international standards.

Choose Suntech - choose the leading solar manufacturer

Suntech Power dedicates its focus on the manufacture and development of solar power products for residential, commercial and industrial applications. Led by Dr Zhengrong Shi, a previous senior research scientist at the University of NSW, Suntech is a world leading solar cell and panel manufacturer by production capacity representing over 1.4 gigawatts output per annum with over 7.2 million quality panels installed worldwide.

Suntech's extensive technical expertise, wide product range, low cost of manufacturing and most importantly strict ongoing implementation of high quality standards has their products command a significant market share in all solar markets.

Across the world Suntech is among the top three crystalline module suppliers in all significant solar markets including Australia. Suntech panels are powering more than 15 000 homes across Australia and have been installed on over 500 000 roofs worldwide.

Today Suntech panels power everything from thousands of residential homes across Australia to a significant number of Australian solar schools, the 2 MW rooftop system at Google's USA headquarters to large scale solar farms such as the 35 MW installation at Elecnor in Spain.

Choose Suntech - choose Australian technology

Suntech Power has one of the largest solar research & development departments employing over 200 dedicated PV scientists and technical experts. With the acquisition of CSG Solar in Botany, NSW they are now supporting pioneering Australian research. This investment follows on from existing close collaborations with world leading PV research through the University of NSW and other world-class international Universities.

Suntech's intensive collaborative efforts with the University of NSW resulted in Suntech's latest Pluto technology, which delivers the world's highest PV cell efficiency with lab tests achieving up to 25% and production efficiency at over 19%, compared to 13% for conventional panels.

Choose Suntech - choose peace of mind

You can count on Suntech panels to deliver clean, affordable, reliable energy every single day, for decades to come. That's why they are the gold standard of the industry. We know you want the most reliable solar system so that you can maximise your return with the feed in tariff. Suntech will be around tomorrow, which makes Suntech panels the smart choice today.

Only Suntech solar panels offer all of these powerful advantages:

- **Optimal, consistent performance**
Special, patented pyramid surface texturing draws more light into the cell from all angles
- **Increased conversion efficiency**
Silicon nitride anti-reflection coating absorbs more sunlight.
- **+ 3% tolerance on grid connect panels**
Many other brands offer (+/-) tolerances on their grid connect panels, while Suntech guarantees that all their grid connect panels will offer (+) tolerances only, meaning a 175W panel will never be less than 175W – so you get what you pay for.
- **Consistent performance after exposure to intense sunlight**
Solar cells can degrade after exposure to sunlight – which is why other brands of modules degrade right after installation 3-5%. But Suntech's proprietary Gallium F22 process reduces output degradation to less than 1% per annum, so there's virtually no loss of performance (translation: you get what you are paying for).
- **Decades of dependability**
Sturdy, high-quality construction including the aluminium frame is tested to the highest standards to withstand extreme conditions.
- **Easy maintenance**
Special, dust-resistant glass coating helps keep panels clean – less maintenance means more power

Choose Suntech – be part of the winning team

Suntech has long standing relations with an expanding client base worldwide. Today Suntech ranks among the top three PV module suppliers in the largest solar markets such as Germany, the United States and China.

Suntech focuses solely on the manufacture and distribution of solar products. This dedication has allowed them to produce modules at a very high standard with minimum recalls and long, reliable warranties. Their output warranty means that Suntech panels are guaranteed to produce at least 80% of the rated output in 25 years time and Suntech has the size to back their warranties, 100%, every time for many years to come.

But we are not the only ones who think Suntech technology is superior, Frost and Sullivan the prestigious international research firm renowned for their independent analysis of “Best Practice” recently selected Suntech as the 2008 Solar Development Company of the Year.

In the last months the Suntech brand has been selected for a number of Australian flagship projects such as the 384kW, 2000 panel Sydney Theatre Company system, the Sydney Town Hall project and the Desert Knowledge Centre in Alice Springs.

Choose Suntech – choose a greener future

Suntech was founded by a renowned solar scientist, Dr Zhengrong Shi, an Australian citizen, who is a pioneer in commercialising PV solar technology. The company’s vision is to build a green 21st century where everyone has access to clean, sustainable and reliable solar energy.

Suntech’s latest panel technology such as Pluto delivers on many fronts - high efficiency, high stability and high power output - a real achievement in fighting global warming.

At Suntech they walk the talk, for example their global head office is powered with a 1 MW building integrated solar power system supplying 80% of the electricity requirements. Suntech panels are packed in recycled cardboard and all the key components in their panels being aluminium, glass and silicon have excellent recyclable properties so that at the end of their life cycle their products do not end up in landfill, but continue to serve a purpose.

Suntech - at a glance

- Nearly a decade in operation with 10 000 employees worldwide
- Extensive track record - 1.4 GW installed product around the world
- Financial strength and strong balance sheet
- One of the largest R & D teams with over 200 solar scientists working in research centres on 3 continents including Australia
- Local Australian research technology via CSG Solar, Botany. Ongoing collaboration with University of NSW (UNSW) and other world leading Universities.
- Development of world class high efficiency Pluto technology with the UNSW
- Continuous pipeline of new technologies
- Top 3 brand in the largest solar markets in the world
- Grid connect panels feature (+) tolerance only
- 700 staff employed in quality control
- 25 years output warranty
- Transferable warranty in case of ownership change
- Suntech’s warranty claims amongst the lowest in the industry
- Preferred product for financiers of commercial solar projects

For more information please contact

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