

The background image is a composite of two photographs. The left half shows a person in a wetsuit holding a surfboard, silhouetted against a vibrant red sunset sky. The right half shows a person in a wetsuit standing on a beach, looking out at the ocean under a golden sunset sky. A long pier extends into the water in the background of the right half.

**AUSTRALIA'S SOLAR PIONEER
IS YOUR PERFECT PARTNER.**

 **SUNTECH**

suntech-power.com.au



A LITTLE ABOUT US.

Founded in 2001 by an Australian with a UNSW doctorate in solar power technology, our history in Australia is unique. We are the only global PV manufacturer founded by an Australian University graduate, and have supplied the Australian market longer than any other manufacturer.

Not only are our products made to deal with extreme Australian conditions, Suntech customers also benefit from locally based customer service, engineering and warranty support.

Investment and collaboration with leading research institutions ensures that Suntech maintains its position as a global leader at the forefront of solar cell and module design efficiency which delivers consistent, category leading value to our customers.

Naturally we are proud to be associated with locally developed ideas that are finding recognition and acclaim around the world.

Suntech's Australian technology is now being used on rooftops the world over. By 2020 we'll be providing power to 30 million people through solar energy.

IF IT WORKS HERE,
IT WORKS ANYWHERE.



With technology developed in Australia by some of Australia's most highly regarded scientific institutions, Suntech has developed photovoltaic (PV) solar panels that continue to set new benchmarks and deliver substantially greater efficiency.

Suntech panels are manufactured to a consistently higher standard than other solar PV modules and are exposed to rigorous testing by independent 3rd party quality assurance certifiers. Exceptional performance is guaranteed by industry leading warranties.

At Suntech, we realised long ago that in order to deliver sustainable solutions – and savings – PV panels had to last. Therefore, our manufacturing methods deliver both efficiency of output and longevity. One without the other is only half of the picture.

Suntech sees the whole picture – the big picture.

Our commitment is to a future of clean energy independence.



Suntech Solar panels at UNSW in Sydney

R&D RELATIONSHIPS.

Suntech has invested \$30 million in R&D programs with UNSW, Monash University and ANU. Not surprisingly, Australia is where many of our technologies and systems have been developed. Investment and collaboration with leading research institutions maintains Suntech's position as a global leader at the very forefront of solar cell and module design efficiency, now and well into the future.

AUSTRALIA RECYCLING PROGRAM.

Suntech is a founding member of the Australian solar recycling program, RECLAIM. RECLAIM dismantles old solar panels to recycle parts helping the manufacturing of new panels which is even more good news for the environment.



SUNTECH PANELS. TESTED BY PANELS OF EXPERTS.

With over 16 years of operation in Australia, Suntech has a proven track record when it comes to a company wide dedication to quality.

The quality of our panels and their performance is fully supported by rigorous, on-going testing, which occurs at every stage of the manufacturing process. Suntech panels are submitted to no less than 52 internal assessments, in addition to third party checks, concluding with VDE testing.



WARRANTIES.

Superior 15 Year Product Warranty and 25 Year Linear Performance Warranty.

Suntech is one of only a few solar module manufacturers in Australia whose products are backed with a **15-year manufacturer's warranty.**

Suntech's Busbar cell design creates a significant reduction in electrode resistance to boost power output, ensuring less residual stress and less cell micro-cracks and hotspot risks. This distinctive design, coupled with Suntech's rigorous testing, enable us to confidently offer a 25-year warranty on system performance.



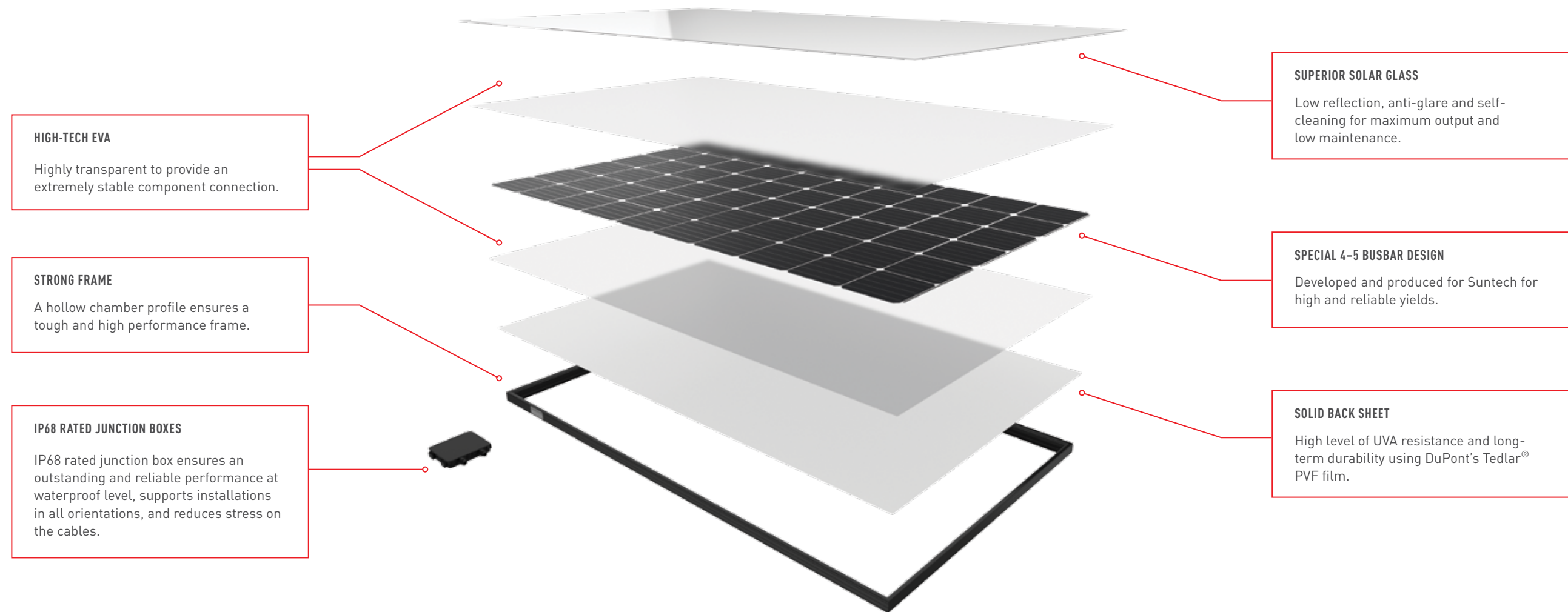
RECOGNISED WORLDWIDE.

Suntech has received global recognition and awards from some of the most prestigious names, including the World Economic Forum, UN

Climate Change Conference, EUPD Top PV Brand 2016 and 2017, MIT Technology Review, Zayed Future Energy Prize and the Gigatron Prize.



THE EVIDENCE IS ALL AROUND US.



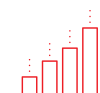
EXCELLENT MODULE EFFICIENCY

Suntech cell technology converts as much energy as possible from valuable roof space.



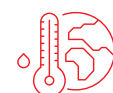
ELECTRO-LUMINESCENCE TESTED

All panels go through 2x100% Electro-Luminescence (EL) testing, before and after the lamination process for the prevention of micro-cracks and power loss.



POWER OPTIMISED CURRENT SORTING

Every Suntech module is sorted with a power class category, that aids in positioning modules with the same class together, generating a minimum of 2% more power.



WITHSTANDS HARSH ENVIRONMENTS

Suntech panels deliver reliable performance in the harshest climates and conditions; including desert, coastal regions and farmlands – tolerating high levels of ammonia.



TESTED FOR EXTREME WIND & SNOW

With a safety factor 3 regulated by the IEC, the minimum wind speed the panel should withstand is 128km/h, while our panel is tested to a minimum of 162km/h.



EXCELLENT WEAK LIGHT PERFORMANCE

Consistent high performance even on cloudy and short winter days due to Suntech's patented "Edge Insulation Process" technology.



HIGH PERFORMANCE IN HEAT & HUMIDITY

Suntech's module design prevents degradation caused by heat and humidity. We use high volume resistant EVA to limit the movement of the sodium ions from the cell surface to glass, offering high PID resistance.



ENHANCED HAIL TEST

The wider cavity frames of our panels provide more support allowing them to take the impact of hailstones four times the weight at a greater velocity than the standard IEC testing.



OUR CLEAN ENERGY CREDENTIALS MAKE OTHERS GREEN WITH ENVY.

Imagine a company that is a global leader
in solar innovation.



1. Bird's Nest Stadium – Beijing, China.

Suntech supplied a 130kW solar energy system for Beijing's Bird's Nest Stadium, the main stadium for the 2008 Beijing Olympic Games. The installation advances the spread of green energy and simultaneously educates the local community about ecological responsibility, energy saving, and sustainable development.



2. Nellis Solar Power Plant – Nevada, United States.

The Nellis Solar Power Plant is the single largest solar photovoltaic system in the US. The installation includes 70,000 Suntech solar panels with single axis trackers across 140 acres, generating 14.2 megawatts of power (25 Gigawatt hours of energy annually), and saving the US Air Force ~\$1 million each year.



3. Masdar Project – Abu Dhabi, United Arab Emirates.

Masdar City is a revolutionary concept comprising 18,288 of Suntech's panels, which will supply power to more than 700 Abu Dhabi residents in addition to over 2,400 in Masdar City, saving 8,500,000 kWh annually. It will be the world's first environment-friendly zero waste city, powered entirely by renewable energy.

HOW CAN WE HELP YOU?

Suntech has vast experience in solar
installations in both large and smaller
projects in Australia.

Sydney Theatre Company – Sydney, Australia.

Suntech provided 1,906 panels, 384 kW solar array with Pluto enabled technology to provide solar power for this project (above). The rooftop installation was one of the largest of its kind in Australia upon completion and plays a major role in reducing the Sydney Theatre Company's power drawn from the grid by up to 70%.

SALES SUPPORT.

A local dedicated sales team
is available 24/7 to help assist
with any enquiries Suntech
customers may have.

Visit our website
to find your nearest installer
suntech-power.com.au

**CONTACT US NOW TO IMPROVE YOUR
SOLAR PERFORMANCE AND RELIABILITY.**



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