



4 KEY REASONS THAT MAKE SAPPHIRE SOLAR AUSTRALIA'S PANEL OF CHOICE

Sapphire Solar is a trusted 100% Australian owned renewable energy company providing a premium and powerful PV panel range for both the Australian domestic and international solar market.

The business is driven by a great commitment to quality and service, innovative A-grade products and the desire to influence and contribute to evolution of power generation.

Put simply, we are passionate about ensuring the highest standards of PV product and service delivery are maintained at all times.

1. OUR UNIQUE SAPPHIRE A-GRADE ASSURANCE PROGRAM GUARANTEES UNPARALLELED PANEL PERFORMANCE

- ◆ A dedicated on-ground engineer oversees the procurement, component selection and manufacturing process of every panel.
- ◆ **A-Grade Components** - careful procurement of trusted and compliant components including use of industry-leading solar cells, back sheets and encapsulants.
- ◆ **A-Grade Procedures** - daily raw material checks, production inspections and procedure checks to ensure our strict manufacturing parameters are maintained.
- ◆ **A-Grade Testing** - stringent testing to ensure that EVERY Sapphire Solar panel satisfies our strict performance and safety criteria.



POWER YOURSELF.

Photo: 5kW Sapphire Solar system installed in Murray Bridge, SA

2. EXCEPTIONAL LOW-LIGHT PANEL PERFORMANCE

Overcast skies and shadowing at various times of the day are a reality of our climate. But even in these sub-optimal conditions, Sapphire Solar panels maintain their ability to generate excellent energy yields due to 2 key features:



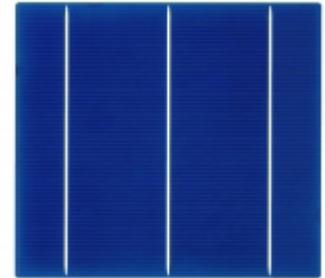
Anti-Reflective Nanotechnology: Each and every Sapphire Solar panel incorporates nanoparticles within the tempered glass coating thereby *maximising light penetration and reducing dust contamination.*

Enhanced shunt resistance: The stringent manufacturing assurance program ensures Sapphire Solar panels display superior leakage resistance and maximum performance *even in low-light*, through careful cell sorting and precision assembly thereby eliminating current leakage or *“shunting” (often found in lesser quality panels).*

3. INDUSTRY-LEADING ANTI-PID TECHNOLOGY

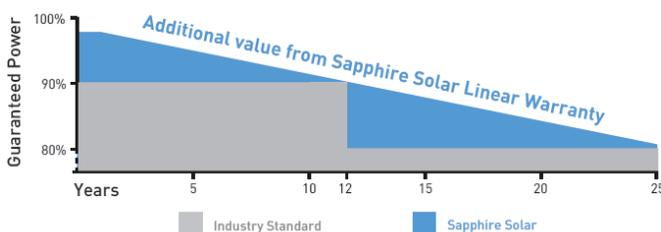
Voltage differences between different components of a cell or an assembled panel can result in significant power loss in what is known as *“Potential-Induced Degradation”(PID).*

- ◆ Sapphire Solar panels incorporate premium quality individual cells that are PID-free.
- ◆ An additional level of protection is conferred through the application of specialised anti-PID panel encapsulants, resulting in maximal power yields at even the most extreme environmental conditions.



4. THE COMPREHENSIVE SAPPHIRE SOLAR 10/12/25 WARRANTY ADVANTAGE

Whilst we are confident of the quality, durability and reliability of our panels, Sapphire Solar offers a comprehensive 10/12/25 Warranty Advantage to protect your solar investment and give you complete peace of mind:



- ◆ **10 YEARS** Workmanship and Materials Warranty
- ◆ **12 YEARS** Performance Warranty at 90% power output
- ◆ **25 YEARS** Performance Warranty at 80% power output
- ◆ Premium Linear Performance Warranty
- ◆ Transferable to any subsequent owner of the property

