

TECHNICAL DATA

A-GRADE

COMPONENTS,
PROCEDURES &
TESTING

EVERY SUBURBAN CASTLE DESERVES
TO WEAR THE CROWN JEWELS

When making the decision to install a solar power system in your home, you need to feel confidence in the products and services you're investing in. With so many technical, physical and costly features to consider, the range of solar modules to choose from can be overwhelming. But the most important consideration of all is the trusted brand and the quality assurance used to build the module.

TRUSTED BRAND

As a 100% Australian owned renewable energy company, Sapphire Solar is a trusted local provider of solar PV modules. Being Australian owned and based means that we can provide a dedicated long-term local service to support your solar queries quickly and efficiently. Buying from an Australian company means you are supporting the Australian economy and solar market.

100% Australian Owned

- ✓ Not just an Australian entity run by a foreign team.
- ✓ Local based support service to manage your solar queries.
- ✓ Supporting the Australian economy and solar industry.
- ✓ Providing confidence, protection and trust in your solar investment.

TRUSTED QUALITY

While most manufacturers claim to use the best materials and processes in their production, there's no guarantee you are purchasing a solar module that's built with 100% quality assurance to perform the way it should. Historically the solar market has been flooded with low-grade modules, but with a long-term approach in the industry Sapphire Solar provides a premium range that will never be compromised by quality.

After dedicating ourselves to understanding the manufacturing process, we recognise that delivering a high-quality solar module is about being at the heart of the production process and getting it right from the start. The Sapphire Solar range is unique because only our stringent quality assurance process delivers the *Sapphire Solar A-Grade Assurance*.

Sapphire Solar A-Grade Assurance

- ✓ Driven by a great commitment to quality, A-grade products.
- ✓ Dedicated Engineer working along the production line ensuring high quality control standards.
- ✓ Physical ability to reject poor, B-Grade materials and processes.
- ✓ A-Grade components, procedures and testing to produce a durable and tough design for Australian climates.
- ✓ Restoring trust into the domestic and global solar industries by delivering what we say we deliver.



THE SAPPHIRE SOLAR A-GRADE ASSURANCE

A-grade quality is like a rare gem, not often found in many panel products.

Our on-the-ground engineer ensures the Sapphire Solar A-grade standards are maintained every minute of production, physically rejecting poor materials that don't meet our specific standards. Only our stringent quality assurance process delivers the Sapphire Solar A-Grade Assurance.

- **A-Grade Components** - careful procurement of trusted and compliant components such as industry-leading solar cells, backsheets and encapsulants to suit high UV conditions.
- **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 every Sapphire Solar panel satisfies our robust performance and safety criteria.

PREMIUM. POWERFUL. PERFORMANCE.

Designed for extreme high-UV conditions, the 205-250W polycrystalline and monocrystalline range delivers a high-quality, powerful performance suited to the harsh Australian climate. Our A-Grade Assurance upholds the Sapphire Solar standard ensuring each module is made with 100% A-grade quality.



A-Grade Features

- Anti-UV backsheet provides superior weather resistance and long-term durability
- PID-resistant encapsulants protect against UV discolouration and optimise light capture
- Anti-refelctive tempered glass coating maximises penetration of light to solar cells
- Premium anti-PID cell technology produces a high module efficiency of up to 15.7%
- IP-67 rated, fully sealed junction box

A-Grade Warranty

Sapphire Solar 10/12/25 Warranty:

- 10 year Product Warranty
- 12 year Performance Warranty at 90% power output
- 25 year Performance Warranty at 80% power output
- Premium Linear Performance Warranty

AUSTRALIA'S CHOICE IN SOLAR PV PRODUCTS

Sapphire Solar is proudly 100% Australian owned, backed by a team of solar professionals with extensive knowledge and experience in the domestic and international solar industries. With our dedicated installer partners managing your installation, you will receive the protection, trust and confidence you deserve in your solar investment.

PREMIUM PARTNER

