SOLAR PANELS

Whilst Infinite Energy can source most panels on the market we believe these panels stand out as superior. Here is a comparison:

	CanadianSolar	WINAICO	SUNPOWER
Manufacturers presence in Australia Warranty and service	✓	✓	✓
Country of manufacture	China	Taiwan	Malaysia Headquartered in USA
Product Warranty	10 YEARS	12 YEARS	25 YEARS
Performance Warranty	25 YEARS LINEAR	25 YEARS LINEAR	25 YEARS LINEAR
Power Tolerance The output range for each panels	0/+5%	0/+5%	0/+5%
Temperature Co-efficient (Power) The lower the better	-0.41%	-0.43%	-0.38%
Genuine Multi-Contact Connectors Not "MC4 compatible" imitations	YES	YES	YES
Junction Box IP rating The higher the better	IP67	IP65	IP65

Infinite Energy will only supply solar panels that:

HAVE AN AUSTRALIAN PRESENCE:

- Manufactured by a large reputable international company with a significant presence in Australia.
- Manufacturer has a warranty process and service support that is accessible in Australia.

QUALITY MANUFACTURING PROCESSES:

- Infinite Energy is satisfied that there are stringent quality control processes and procedures.

SYSTEM INVERTERS

A crucial component of your Home Solar Energy System is the inverter. The inverter converts the DC electricity produced by the solar panels into AC electricity that your home and the grid utilise. Infinite Energy recommends opting for a high quality inverter that has Australian warranty support. Below are some features to compare:

	ABB	Fronius SHIFTING THE LIMITS	SMA
Country of manufacture	Italy	Austria	Germany
Product Warranty	5 years Extendable to 20 years with online client registration	5 years +5 years free	5 years Extendable to 20 years
Location of Warranty support	Australia	Australia	Australia
Communication	WiFi (optional)	WiFi	Blue Tooth & PC
MPPTS	Dual	Dual (3kW+)	Dual (3KW+)

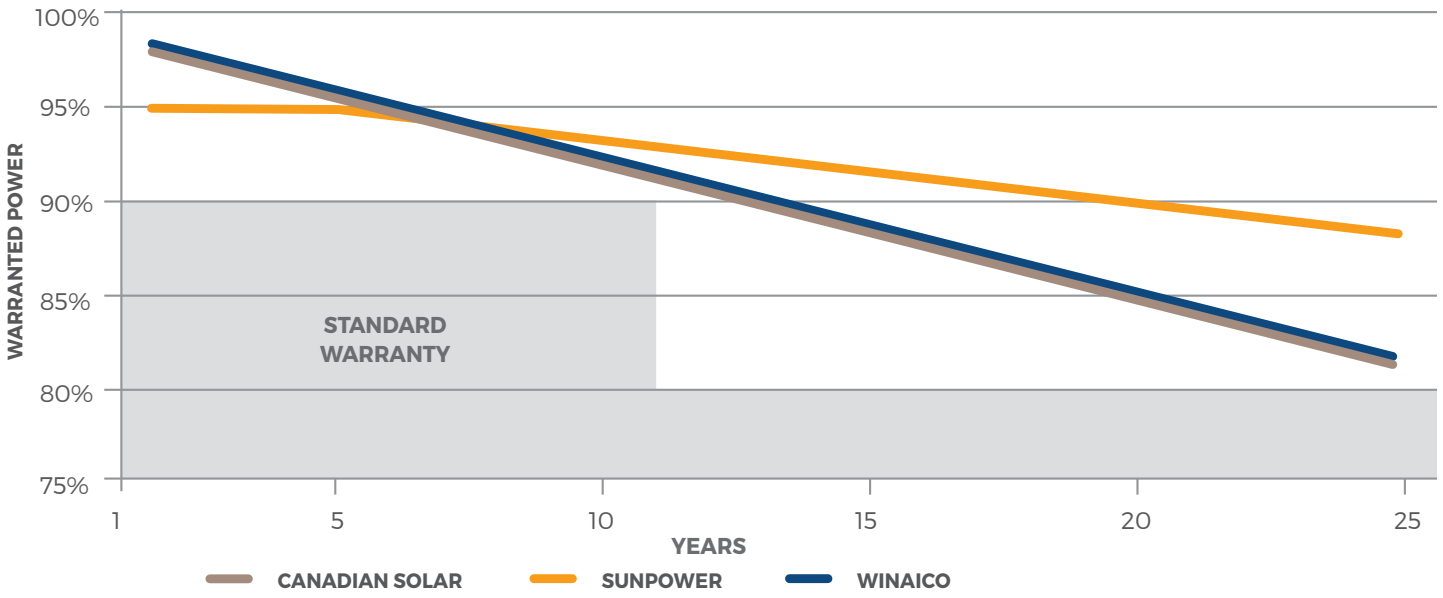
infinite energy

PERFORMANCE WARRANTY COMPARISON

Each of the solar power components supplied by Infinite Energy is backed up by a quality warranty. As a quick guide: All of the solar panels we supply come with a minimum of 10 year product warranty and a 25 year linear performance warranty. All of the inverters we supply come with a minimum of 5 year warranty as standard.

Infinite Energy is a Clean Energy Council Approved Retailer therefore we provide a 5 year whole of system warranty & onsite service.

CLEAN ENERGY COUNCIL APPROVED SOLAR RETAILER



SOLAR PANEL MOUNTING SYSTEM

Your solar system is made up of a number of elements and products from different suppliers typically offered to you through an energy or solar retailer. To ensure you get the best possible solar power system for your home, now and for the future, always ask for quality products that are reliable, quality-assured, and give you the confidence that your investment is going to last.

SUNLOCK

SunLock is an Australian designed and manufactured solar panel mounting system. The unique system has been developed through decades of collective experience of CEC accredited installers. They utilise custom built aluminium extrusions and components.

Benefits of the SunLock system include:

- 10 year warranty
- Building height up to 200 m Roof slope range 10° to 65°
- Non anodised Aluminium 6106-T6 extrusion
- Corrosion resistant, providing low maintenance and extended product life cycle
- Complies with Australian/New Zealand Standard on Wind Actions, AS/NZS 1170.2.2011

Clenergy

Clenergy solar mounting systems provide you with certainty and peace of mind that your solar solution is not only going to stand the test of time, but will be the best possible foundation for your home's solar power.

With a solar mounting system from Clenergy, you get:

- 10 year warranty
- Manufactured with ISO accredited quality management system
- Suitable for use with all types of solar panels
- Made from high grade anodised aluminium
- Mounting that will last the life of your solar power system
- Fully compliant to all relevant local standards