



RESIDENTIAL SOLAR INFORMATION PACK

Find out why we are the best choice for kiwis wanting to go solar for their homes and businesses.



ABOUT US

Trilect Solar is a division of Trilect Services, New Zealand's master electrician since 1997. We are members of the Sustainable Energy Association of New Zealand (SEANZ) which offers additional peace of mind to our customers.

Trilect Electrical Services is a large electrical service company which is a member of the Master Electricians & Mastercraft network with over 50 employees and a 20+ years history of customer satisfaction.

At Trilect Solar, we work to provide permanent solutions, with years of industry experience we know what is available and what works to achieve the optimum outcome for our clients. We work closely with architects, construction companies and individuals from early planning right through to installation, handover and set up of data monitoring.

Our promise to you is that we take great care to ensure all our products and services offer durability, efficiency and reliability.



BENEFITS OF SOLAR POWER ENERGY



Installing solar for your home has a number of benefits:

COST SAVINGS

Financial returns and lower monthly bills are major incentives for going solar, and it protects you from continually rising electricity prices.

GREAT INVESTMENT

Solar PV is a great investment. The systems are low maintenance, reliable and can return your investment in as short as 7 years.

INCREASED HOME VALUE

Solar panels are viewed as upgrades, like a renovated kitchen, so purchasing a solar energy system will increase your properties's value.

CONTROL OVER ELECTRICITY

Excess power production can either be sold to the electricity network, stored in batteries or diverted to EV Car charging or Hot water cylinders further increasing savings.



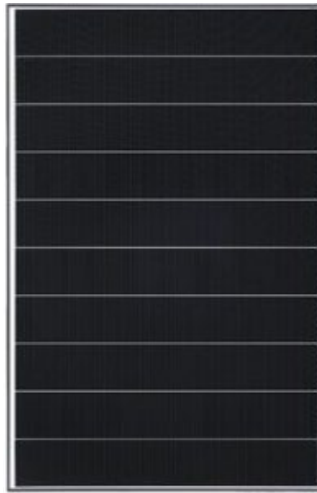
SOLAR PANELS

Whether you are looking to buy solar panels for residential or commercial use, look no further, Trilect Solar provides superior solar panels for home and business purposes, sourced from trusted manufacturers.

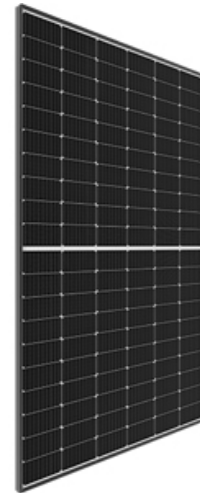
JA SOLAR



HYUNDAI
ENERGY SOLUTIONS



LONGI Solar



OUR GO-TO SOLAR PANEL

- Cost effective, reliable, tier 1 solar panel.
- 4th largest solar manufacturer in the world
- 330W Power output using PERC monocrystalline half-cut cells
- Positive power tolerance (means you always get more power than you paid for!)
- 12 year product warranty, 25 year performance warranty

OUR PREMIUM OPTION SOLAR PANEL

- 390W power output
- Shingle cell technology means more power, better temperature performance, stronger and more shade tolerant than other panels.
- Better corrosion resistance than regular panels – the best option for seaside installs
- 25 year product warranty, 25 year performance warranty

PROPELLING THE TRANSFORMATION

- One of the largest solar panel manufacturers in the world.
- 370W power output and great bang for buck.
- High efficiency
- Half-cut technology for better shade tolerance and power output.
- Guaranteed 84% power output @ 25 years
- 12 year product warranty, 25 year performance warranty.

SOLAR INVERTERS

There are now many solar inverter manufacturers on the market but only a very limited number stand out. Here are some of our recommendations.

SUNGROW



- High quality entry level inverter with all the features you'd expect from a top end product.
- Smart phone app monitoring with energy consumption and solar production details
- 2nd Largest inverter company in the world, known for their reliability.
- Can connect AC coupled batteries.
- 10 Year Warranty
- 3kW & 5kW residential options available

HUAWEI



- Our go-to inverter for all applications, residential, commercial or solar farm.
- High reliability and cost effective
- Largest inverter manufacturer in the world.
- Awesome monitoring platform
- Battery Connectivity (DC&AC coupled)
- Able to be used with Optimisers for higher performance in shade prone areas.
- 10 Year Warranty
- Residential up to 6kW Single Phase.

Fronius
SHIFTING THE LIMITS



- European made inverter with a long term reputation for quality and service.
- Great monitoring platform
- Battery connectivity (AC coupled at present, DC coming soon)
- Made in Austria
- 10 Year Warranty
- 3kW to 8.2kW Single Phase

WHY TRILECT SOLAR?

Trilect Solar is a group of engineers and consultants who build energy solutions for smart homes and businesses. We harness data to analyse, construct, monitor and maintain grid-connected solar systems across New Zealand.



INHOUSE EXPERIENCED EXPERTS, NO CONTRACTORS USED

Trilect do not employ contractors for their solar installations, this allows us to offer a 100% lifetime workmanship guarantee on all installations.



SAFETY IS OUR PRIORITY

We are committed to our Workplace Health & Safety policy within the work environment & on every job site. This is practiced at every level of the company.



DEDICATED DELIVERY TEAM

Each install is overseen by a dedicated Project Manager. Our customers have a clear line of communication throughout the entire process.



OPERATIONS & MAINTENANCE

We offer technical support, panel cleaning, monthly reporting and detailed monitoring on our solar systems.



EXPERIENCED, SKILLED & NEW ZEALAND QUALIFIED

Trilect Solar deliver turnkey solar and storage solutions for residential, commercial and utility-scale clients, this is unique in the industry.



FINANCE

Want to install a solar system for your home or business, but currently don't have the funds to make the initial investment? We have finance options available for you. Get in touch to learn more.

OUR SERVICES

Trilect Solar offer the following services to residential customers

- Detailed proposal including conceptual design, energy production calculations, product specifications and estimated energy savings.
- Preparation of documentation for connection approval
- Installation of systems in accordance with customer requirements and best industry practice.
- Provide operations and maintenance service to ensure a high level of performance.
- High quality solar modules and proven inverters for a long life system.



IT'S NEVER BEEN CHEAPER TO GO SOLAR!

KEEN FOR A SOLAR SYSTEM BUT THINK IT'S OVER YOUR BUDGET?

With Westpac Warm Up, existing or new home loan customers can borrow up to \$10,000 interest free for five years to install solar panels on their house. Solar is now a no-brainer for kiwi homes.

For more information, get in touch with one of the team today!

**T&C apply*



GET IN TOUCH

(09) 271 2493

solar@trilect.co.nz

www.trilect.co.nz

13 Laureston Ave, Papatoetoe, Auckland 2025

PO Box 230297, Botany, Manukau 2163

