

COMMERCIAL SOLAR CAPABILITY STATEMENT

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SMALL ENOUGH TO CARE...

BIG ENOUGH TO DELIVER!

- ✓ With over 9 years of experience in installing commercial solar systems, we provide expertise you can trust.
- ✓ Our commitment to quality ensures the use of the best and safest solar equipment.
- ✓ Our systems come with real-time monitoring of your solar consumption.
- ✓ Enjoy ongoing support for your system from our dedicated team.
- ✓ We provide a variety of payment options, including finance, to suit your needs.

and the list goes on....

Macarthur Solar has a dedicated team that specialises in commercial solar systems. We provide sustainable and cost-effective energy solutions to businesses across Sydney

Having installed commercial solar systems since 2015, we understand the unique needs of commercial enterprises. We offer tailored solar solutions that enhance energy efficiency and reduce operational costs for your factory, office or warehouse.

Solar quality is non-negotiable and our team of experts ensure industry standards for all of our installations.



Founded in 2015 by local expert Mathew Cox, Macarthur Solar being part of Macarthur Energy.

Mathew, a seasoned Endeavour Energy electrician, witnessed the demand for sustainable energy and saw an opportunity to deliver better solar solutions.

Driven by a passion for renewable resources, Mathew left his full-time job to start Macarthur Solar. Certified by Solar Accreditation Australia (SAA), he ensured every installation was performed with premium craftsmanship, using the most advanced products.

Mathew's journey began humbly, operating from his dining table and garage. He aimed to demystify solar energy for customers, focusing on the tangible benefits rather than confusing technical jargon. His dedication to quality and customer education set Macarthur Solar apart from competitors offering quick and cheap installations.

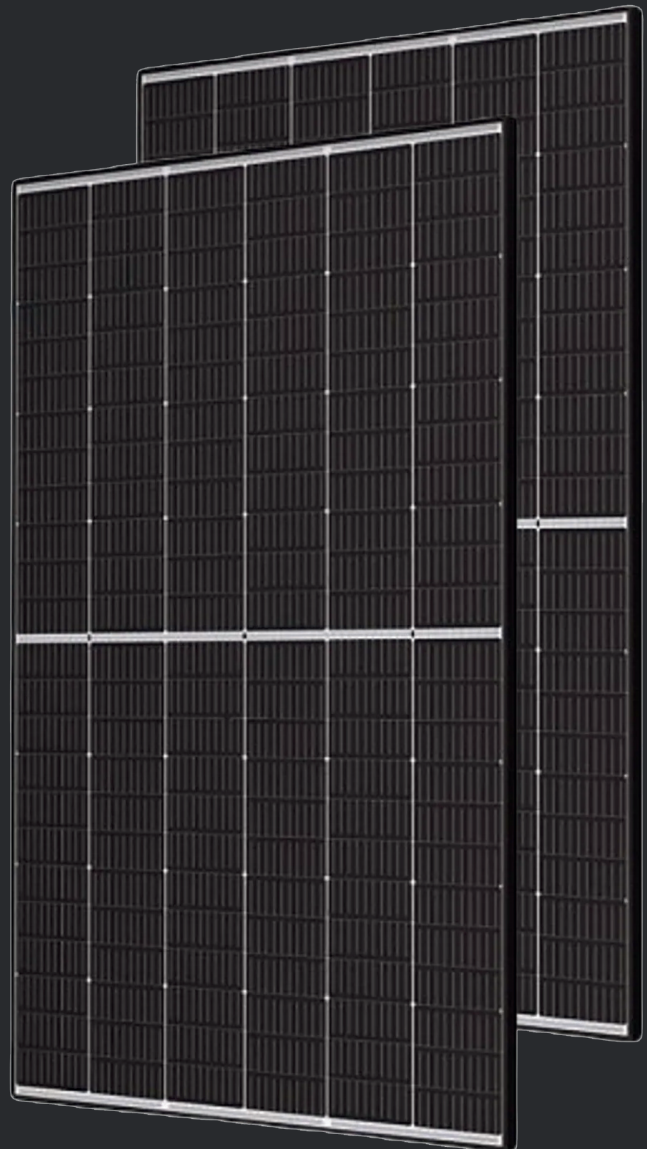


WHAT SOLAR PANEL SHOULD YOU CHOOSE?

We recommend the Trina Vertex S+ panels for their exceptional quality and dual glass protection, providing extra durability against the harsh Australian elements.

While the efficiency differences between solar panels from various price brackets have become minimal, choosing the right panels involves considering a balance of efficiency, upfront cost, and warranty. The gap between cheaper and more expensive panels has narrowed, with advancements in technology making high efficiency more accessible.

Our highest priority for customers is to ensure the panels selected offer a strong product warranty of 20–25 years. As solar technology becomes more affordable, the focus shifts to the reliability of the company's warranty. Investing in solar products from companies with offices in Australia is crucial, as it simplifies the warranty process and ensures better support compared to dealing with overseas manufacturers.



SolarEdge Optimisers

At Macarthur Solar, we utilise SolarEdge optimisers to enhance both performance and safety. These optimisers maximise each panel's power output, even in shaded conditions, ensuring optimal efficiency. By producing more power, our optimisers help you save more on your electricity bills. They also increase safety by reducing the output voltage to one volt per optimiser, reducing the risk of electric shock. By integrating SolarEdge optimisers, we provide our customers with efficient, secure, and cost-effective solar energy solutions.



SolarEdge 3-Phase Commercial Inverter

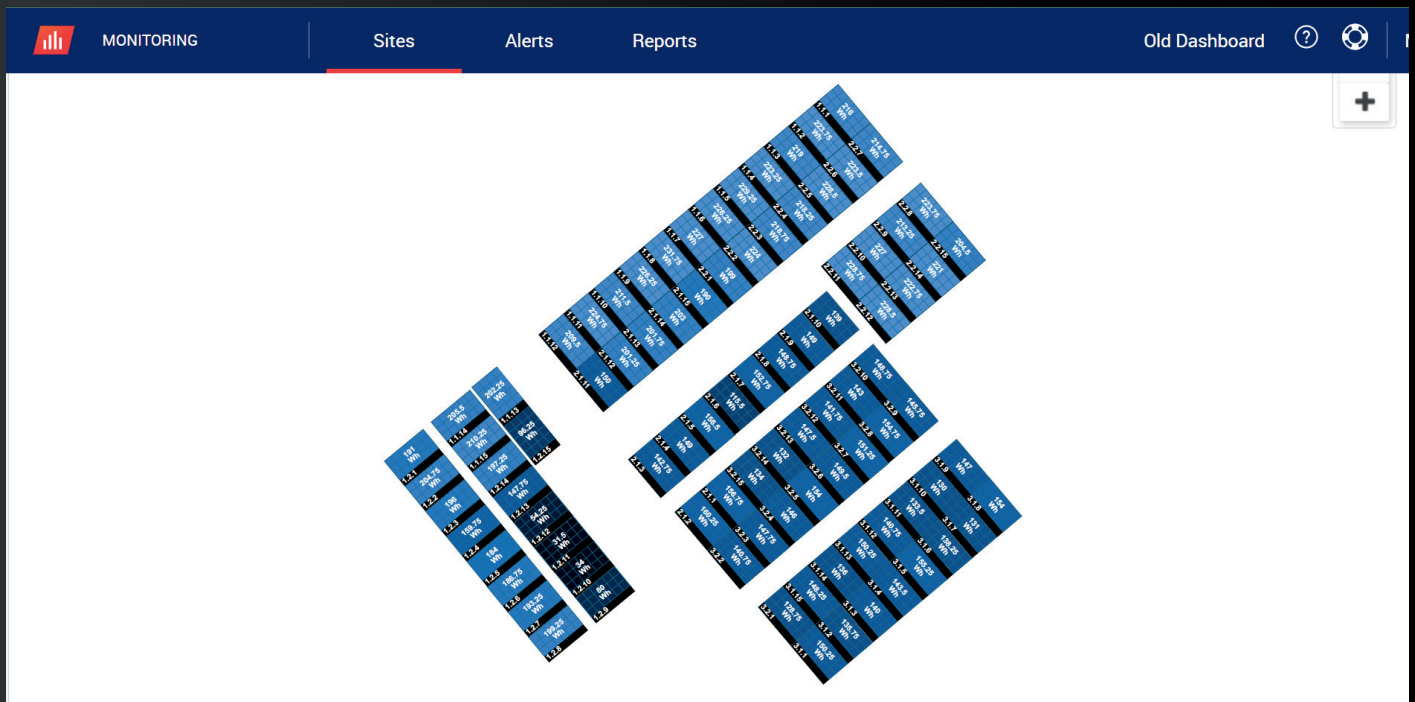
At Macarthur Solar, we utilise SolarEdge three-phase commercial inverters for optimal efficiency and reliability. These inverters maximise energy yield and performance, while advanced safety features, including rapid shutdown, enhance installation safety. With their robust design and long-term warranties, SolarEdge inverters are a dependable choice for businesses investing in sustainable energy solutions.

Real-Time Monitoring

Real-time monitoring provides complete control over energy production and consumption, allowing users to track the performance of each solar panel and detect issues immediately. With instant access to data, informed decisions can be made to optimise energy usage and maximise savings. This technology ensures users are always aware of their system's performance, offering peace of mind and enhancing the value of their solar investment.



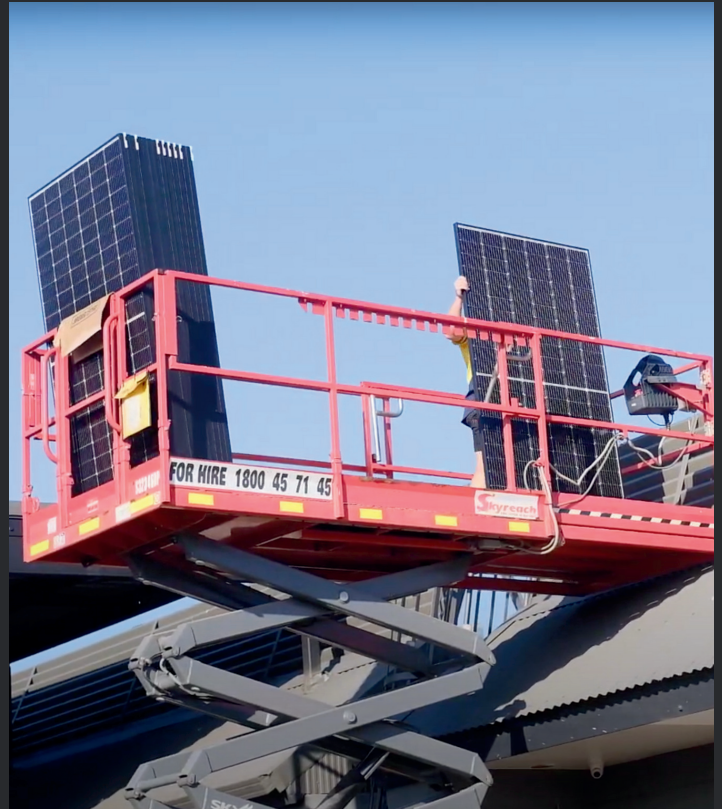
Individual panel level monitoring allows for detailed insights into the performance of each solar panel. This ensures that any issues can be quickly identified and addressed. Additionally, Macarthur Solar offers ongoing monitoring on our end to keep an eye on the performance of each individual panel. This service is crucial for the long-term performance of your system, ensuring that every panel operates at its best, maximising your savings and efficiency.



McDonalds

At Macarthur Solar, we have installed solar systems for 10 different McDonald's locations, totalling 400 kW of solar capacity.

At McDonald's Gregory Hills, we installed Trina 440 watt S+ solar panels to maximise energy production. Each panel is equipped with a SolarEdge optimiser, allowing independent operation even in shaded conditions, significantly enhancing overall energy yield. Additionally, we integrated a SolarEdge three-phase commercial inverter for optimal power conversion and reliability. This inverter efficiently manages energy generation and works seamlessly with the optimisers for real-time monitoring, enabling McDonald's Gregory Hills to reduce energy costs and improve sustainability.



Similarly, at McDonald's Eagle Vale, we installed Trina 440 watt S+ solar panels, each featuring a SolarEdge optimiser. These optimisers allow the panels to operate independently in shaded conditions, significantly boosting overall energy yield. The SolarEdge three-phase commercial inverter we installed ensures optimal power conversion and integrates with the optimisers for real-time monitoring, helping McDonald's Eagle Vale reduce energy costs and enhance sustainability.



DECO, Minto

At DECO Australia in Minto, we installed 959 solar panels generating a total of 580 MWh per annum, powering roughly 50% of the factory's operations. This extensive solar energy system enables DECO Australia to harness renewable energy efficiently, significantly reducing reliance on traditional power sources.

The installation not only enhances energy sustainability but also contributes to substantial cost savings for the factory. By utilising this robust solar system, DECO Australia demonstrates its commitment to environmentally responsible practices while optimising operational efficiency.

Vellas Fresh Produce

At Vella's Fresh Produce, we installed 200 solar panels generating 150 MWh of energy per annum, significantly enhancing the sustainability of their operations. This solar system allows Vella's to harness renewable energy, reducing reliance on traditional power sources and leading to substantial cost savings. By producing clean energy on-site, the business not only lowers operational expenses but also contributes to a smaller environmental footprint. This commitment to eco-friendly practices sets a positive example in the community, showcasing the benefits of adopting solar energy in the fresh produce industry.



Discalced Carmelites Priory

At the Discalced Carmelites Priory, we installed 90 Trina Vertex S+ 440W panels and 90 SolarEdge optimisers, along with three HD Wave Genesis inverters. This solar system is designed to power the utilities for the residents living at the priory, ensuring a reliable and sustainable energy source. By harnessing solar power, the priory reduces its reliance on traditional energy sources, leading to cost savings and a smaller environmental footprint.

This installation reflects a commitment to eco-friendly practices and supports the monks in their mission of sustainability and stewardship.



Mii Kids, Warriewood

At Mii Kids in Warriewood, an early learning centre, we installed 120 Trina panels, three SolarEdge batteries, and two three-phase SolarEdge inverters. This comprehensive solar energy system ensures a reliable and sustainable power source for the centre's operations. By harnessing solar power, Mii Kids reduces its reliance on traditional energy sources, leading to significant cost savings and a smaller environmental footprint. This installation demonstrates a commitment to sustainability, providing a green environment for the children and setting a positive example for the community.





MacarthurSolar

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