



**MODERN** solar  
the modern group

**commercial**



ENERGY EFFICIENT SOLUTIONS

*incorporating*



# MODERN SOLAR COMMERCIAL

## INTRODUCTION

OZ Roll Industries is a manufacturer and wholesale distributor of Solar Hot Water and Photovoltaic systems to clients across Australia. Our group of companies includes Modern Solar, one of the largest residential suppliers and installers of photovoltaic systems in Australia and Modern Solar Commercial which specialises in solar products and services for wholesale markets, industrial, commercial and government contracts including council and school projects.

Our group of companies includes retail, manufacturing and research facilities as well as franchises across Australia. Our businesses have developed a large range of home improvement products with a significant focus on 'energy efficient' technology.

OZ Roll is the largest manufacturer of energy saving window roller shutters in Australia, with over 300 wholesale customers across the country. Energy savings of 30 - 40% are achievable through the installation of Oz Roll window roller shutters in Australian homes.

Acryloc another member of our group of companies, manufacturers and supplies architectural products including roof coatings and rendering system to the Australian and overseas markets. Acryloc have invested heavily in the R&D of new heat 'reflective' coatings which can be applied to roofs and walling systems to reduce heat ingress. These products are ideally suited to both residential and commercial properties.

Our Solar Division, Modern Solar, was established in 2007 and is now one of the largest residential photovoltaic suppliers in Australia. Through extensive research in Australia and overseas Oz Roll Industries have developed a wide range of photovoltaic grid connect products for the Australian market. We now trade and promote these products extensively across the country.

Through our various solar divisions we have been involved in supply and installation of small residential and larger commercial photovoltaic systems. Modern Solar Commercial specialises in the supply of energy efficient 'green' solutions including wholesale solar systems and services, to both business and government across Australia.



## SOLAR ENERGY

OZ Roll Industries uses only advanced and proven manufacturing processes for each of its solar systems. This provides only the very best supply of mono-crystalline solar panels to you. Stringent quality control in the OZ Roll supply chain ensures the product is reliable, durable and of the highest quality standards. With a 25 year manufacturer's warranty on our solar panels, we give you the peace of mind to invest in a solar system today.

With partnerships both locally and globally, OZ Roll Industries endeavour to continue to improve the solar industry in Australia. Using our sales and service network around Australia, we can supply you with a complete, professionally designed Solar PV Grid System.

Our Solar panels are available for residential and commercial use and are all internationally recognised for both quality and conformance to Standards by IEC Certification IEC 61730, IEC 61215 and TUV Certifications Worldwide System for Conformity Testing and Certification of Electro technical Equipment and Components (IECEE).

At OZ Roll Industries we are passionate about the environment and protecting the planet for future generations through the use of renewable energy and the reduction of carbon emissions.



## ENVIRONMENTAL BENEFITS = COST SAVINGS \$

Installing solar technology reduces the amount of fossil-fuelled electricity you need to purchase from the electricity grid. This significantly reduces the amount of harmful greenhouse gas emissions AND saves you money.

Government legislated "Feed in Tariffs" offer even further financial benefits at premium rates for electricity fed back into the grid.

An investment in Solar Energy, a clean 'green' and silent renewable energy alternative, is an investment in your home or business and an investment in the environment for yourself and future generations.



## SOLAR HOT WATER

Solar Hot Water is an emerging industry in Australia. In conjunction with solar photovoltaic electricity generation the two products often work hand in hand.

Our Research & Development team have reviewed the range of Solar Collectors and Technologies worldwide and have chosen to use only superior technology and materials in our Solar Hot Water Systems – Flat plate TINOX Technology; A patented High Efficiency absorber plate with copper risers coated with an advanced titanium coating. Most solar collectors are only efficient when the sun is shining. The titanium absorber is different and works efficiently even when the sky is cloudy.

TINOX absorbs an incredible 95% of incoming solar energy and loses only 3-5% through thermal irradiation (highest ratings in the world) and can convert up to 90% of the solar radiation to heat.

Our Solar Hot Water tanks are also lined with Vitreous enamel to minimise corrosion. Tanks come standard with automatic boosters and thermostat control when there is insufficient solar radiation to maintain the water temperature at 60 degrees celsius.

Ground mounted storage tanks seemed the obvious choice, as they are easier to maintain and no need to worry about additional and expensive structural work to a roof mounted tank. Our Solar Hot Water tanks have been developed to minimise intrusion on homes and maximise aesthetic appearance. This is of particular relevance in council areas with incumbrances which may limit or prohibit the unsightly appearance of bulky storage tanks mounted on roofs.

