

**A WISE INVESTMENT IN
A RELIABLE SYSTEM FOR
YOUR HOME**

THAT'S THE CANADIAN SOLAR DIFFERENCE





COMPANY OVERVIEW



**FOUNDED 2001
IN ONTARIO**



**OVER 12,000
EMPLOYEES WORLDWIDE**

#1

**MOST RECOMMENDED SOLAR COMPANY
VOTED BY CUSTOMERS WORLDWIDE**



**AUSTRALIAN HQ
IN MELBOURNE**



**4 OFFICES, 4 WAREHOUSES
IN AUSTRALIA**



**50+ LOCAL EMPLOYEES AS ONE
HIGHLY COMPETENT EXPERT TEAM**



THE MORE ELECTRICITY COSTS, THE MORE YOU NEED SOLAR POWER

You only have to look at your latest electricity bill to see that energy costs are getting out of control. An immediate way to start saving money is to go solar. That goes without saying. But which brand to choose? We've put together this brief guide, along with our website, to help you make the right choice.

Solar panels were first placed on Australian homes and buildings in the seventies. Over the following decades millions of panels were installed, with payback periods continuing to become shorter and shorter while immediate savings are seen in lower energy bills. Unlike other countries, Australia's unique sunny climate is perfect for solar power.

CANADIAN SOLAR HAVE A WIDE RANGE OF PRODUCTS, DEVELOPED WITH INDUSTRY LEADING TECHNOLOGY TO PROVIDE A SUPERIOR SOLUTION FOR YOUR SOLAR NEEDS

SOLAR PV PANELS

Dual-Cells, Bifacial, Full-Cell, Multi Busbars, Shingled & Enhanced Wafer Modules

INVERTERS

Grid-tied, transformerless string inverters from 1.5kW – 60kW

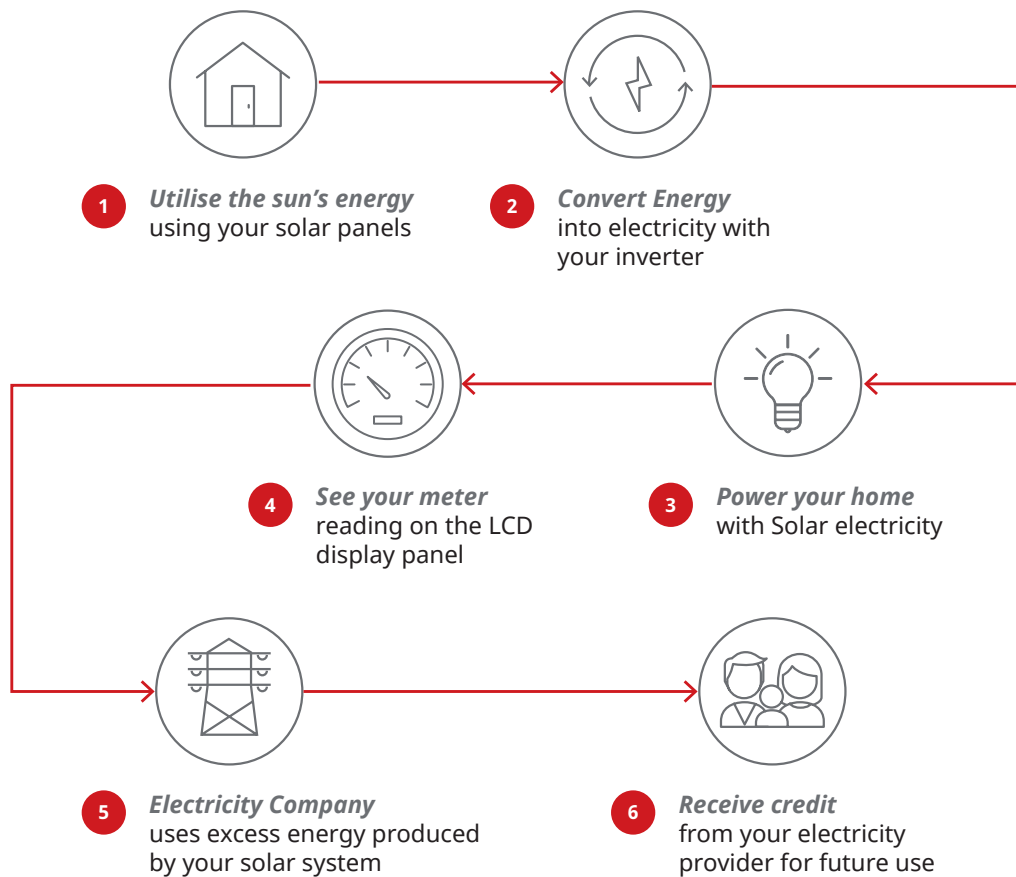
HOW SOLAR POWER WORKS

Sunshine hits the photo-voltaic solar panels on your roof; these generate direct current (DC) electricity. An inverter converts this into an alternating current (AC) needed to provide power for lighting and appliances through your switchboard. This ensures your solar power is used first and topped up by electricity from the grid, offering an immediate saving.

If you use less energy than your solar panels generate, the unused portion is sent back to the grid and credited to you. And being a meaningful addition to your home, the right solar power system can add greatly to its value and appeal, meaning more money for you if you decide to sell.



UNDERSTAND SOLAR AND COLLECT THE SAVINGS



Solar power is safe, easy to use, convenient, flexible and economical, being powered purely by the endless rays of the sun.

It puts no pollutants into the air, ground, waterways or oceans. Nor does it produce house green gases or use increasingly limited resources like coal, gas or oil and involves none of the hazards/disposal problems seen with nuclear generation.

There is also an additional benefit of your home's inside temperature being reduced because the solar panels intercept sunlight that would otherwise hit your roof.

WHY CANADIAN SOLAR IS YOUR NUMBER ONE CHOICE IN SOLAR POWER SYSTEMS

CEO and Founder Dr Shawn Qu founded Canadian Solar in Canada in 2001, with a bold vision to foster sustainable development and to make lives better by bringing electricity powered by the sun to millions of people worldwide. Since then, Canadian Solar has grown to become one of the largest solar system solutions providers and project developers in the world. The strong growth and success of Canadian Solar is testament to our ability to meet a wide variety of solar needs through our expertise and high quality product offerings.

HIGHLY EFFICIENT SOLAR PANELS

Maximising the power your rooftop can generate

All Canadian Solar panels are noted for high efficiency (between 16.55% and 23.7% in various models). This can be useful when roof space is limited. All are certified as corrosion resistant and different module types are suitable for different installation anywhere, including Australia where the weather and overall climate can be extreme and challenging.

COMMITMENT TO RESEARCH AND DEVELOPMENT

Your solar installation will be at the forefront of industry technology

- Three state-of-the-art PV research centers in Canada and China
- More than 250 scientists, engineers and technicians in R&D department
- Over 1000 global patents world wide
- R&D investments of over US\$600 million

AN INTERNATIONALLY TRUSTED AND ACCREDITED SOLAR COMPANY

Ensuring your rooftop solar is high quality and long lasting

- No. 1 of Tier 1 Solar Panel Manufacturer in the world listed by Bloomberg New Energy Finance
- No. 1 Module Supplier in terms of module quality and price/performance ratio, as voted by customers in IHS Markit Survey 2016
- No. 1 Renewable Energy Leader in Thomson Reuters top 100 Global Energy Leader
- No. 1 Silicon Module Solar Plant Developer by GTM
- Ranked No.1 for Corporate Social Responsibility
- The Best PV Module Manufacture Award in Brazil in 2016 in the "Second Annual Innovation and Technology Award", organised by FRG Group Media & Events.
- Top-3 Rated Bankable Solar Company, in independent bankability reports of SGURR & Deloitte



HOW WE MAKE THE DIFFERENCE



SUSTAINABILITY

Canadian Solar has shipped over 30 GW of modules to date, which generates 37,768,00 MWh electricity per year, equivalent to the CO₂ absorption of 20,914,905 trees*



CO₂

GHG EMISSIONS

Decreased by
26 million metric tons



SO₂

SULPHUR DIOXIDE

Decreased by
15,000 metric tons



NO_x

NITROGEN OXIDES

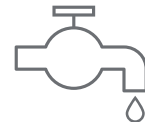
Decreased by
15,450 metric tons



PM

PARTICULATE MATTER 2.5

Decreased by
15,450 metric tons



H₂O

WATER USE

Saved
441 billion litres

Annual environmental and health benefits of the 30 GW Canadian Solar modules installed

56.6% REDUCTION IN CO₂ EMISSIONS PER MODULE SINCE 2011

In addition to the contribution of energy renewability of the solar modules, the reduction of CO₂ emission in module manufacturing process also helps contribute to the effect of CO₂ emission for the solar module of its whole life cycle.

100% FAIR TRADE

Canadian Solar abides by principles of fair trade - zero business with labour violation mines, no minor and forced labour employment. Meaning your solar installation is good for people and the planet.

WINGED ANGELS GIVE SOLAR POWER TO DISADVANTAGED KIDS

Three children's charities in the Philippines recently received a gift that will keep on giving for decades to come: Canadian Solar PV systems. The systems will help all three charities significantly reduce their monthly electricity costs and were donated by Wings of Support, a charitable organization founded in 1998 by a KLM captain.

Wings of Support is a large private initiative supported by employees of both KLM and MartinAir. Their objective is to help children in countries that their companies fly to and they focus on facilitating education, shelter and medical care. In this instance they funded solar systems at two orphanages and a charity school, all of which were installed at-cost by SolarNRG, one of the largest solar companies in the region.

Each of the charities received systems ranging from 3 kW to 5 kW and all featured Canadian Solar's CS6P-P modules, world-renowned for their performance and reliability. These charities were not the only beneficiaries of the new solar installations. The environment wins too because the clean power generated by the three new systems is equivalent to the CO₂ that would sequestered by planting 5,500 trees.



**CANADIAN SOLAR
PRODUCTS MEET THE
HIGHEST QUALITY
STANDARDS**

GIVES YOUR ROOFTOP SYSTEMS OUTSTANDING LONGEVITY

411 QUALITY TESTING POINTS

We've adapted the stringent quality-management systems of the automotive industry to PV manufacturing and check every one of our products at 411 different points along the manufacturing process to ensure their quality.

We conduct rigorous in-house testing in our own laboratories to ensure durability and regularly submit our products to the world's leading independent testing institutes, including the Fraunhofer Society and TÜV Labs.

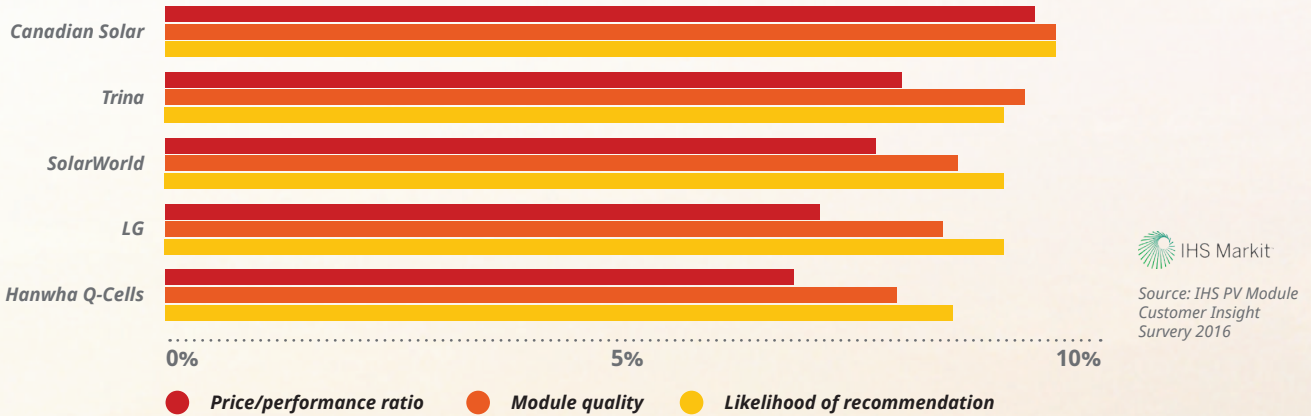
QUALITY CONTROL MEETS HIGHEST INTERNATIONAL STANDARDS

- > Providing you with a high quality solar system you can trust
- > Compliance with ISO IEC 17024 procedures to approve all materials and components entering our facilities
- > Confirmation through IEC 61215 and IEC 61730 tests to ensure product safety and reliability
- > Adaption of the stringent quality-management system of the automotive industry to PV manufacturing
- > Compliance with international quality and environmental management standards ISO 9001, QC080000, ISO 14001 and OHSAS 18001

VOTED #1 MODULE SUPPLIER

Our high quality products have gained the trust and support of customers internationally

Canadian Solar was voted #1 solar PV module brand for quality and price/performance ratio by independent IHS Markit Survey in 2016, and was also awarded highest likelihood of customer recommendation.



WE ARE BANKABLE

As a top 3 world rated solar company with a minimum 25 year performance warranty on our solar panels we'll be around for the lifetime of your home solar system.



LINEAR POWER OUTPUT WARRANTY



LINEAR PERFORMANCE WARRANTY ON PHOTOVOLTAIC DOUBLE GLASS MODULE PRODUCTS

BRINGING POWER UTILITY TO YOUR HOME

MORE THAN 2.5 MILLION CANADIAN SOLAR PANELS INSTALLED IN AUSTRALIA.



1. 15.95 KW RESIDENTIAL PROJECT

Module Type: CS6P-P
Location: Woolloowin, Queensland
Constructed by: CSA Services



6. IKEA NATIONAL PROJECT

PV Project Size: 3.6 MW
Module Type: CS6P-P and CS6X-P
Location: NSW, VIC and QLD



2. 13.2 KW RESIDENTIAL PROJECT

Module Type: SuperPower CS6K-MS
Location: Sunrise Beach, Queensland
Constructed by: Halcol Energy



3. AMAROO SCHOOL

PV Project Size: 600 kW
Module Type: CS6X-P
Location: ACT
Constructed By: Todae Solar



4. AUSTRALIA ZOO

PV Project Size: 648 kW
Module Type: Ku Modules CS3U-P
Location: Beerwah, QLD
Constructed By: Gem Energy



5. 10 KW RESIDENTIAL PROJECT

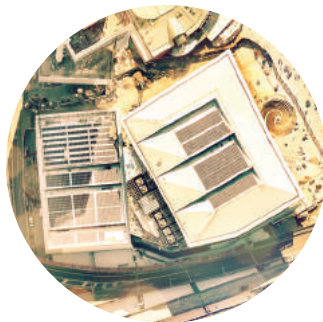
Module Type: Ku Modules CS3K-P
Location: Littlehampton, SA
Constructed By: Solar Wholesalers

ESTIMATED PERFORMANCE

Energy Output: 14,736 kWh / year

Greenhouse Gas Emission Reduction:
9,136 kg CO₂/year

Electricity Savings (maximum):
\$4,715/ year



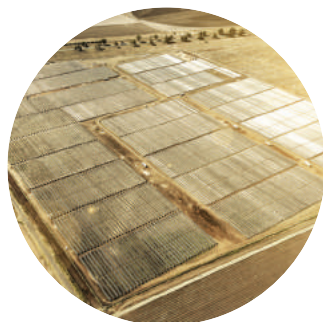
7. SYDNEY CONVENTION CENTRE

PV Project Size: 521 kW
Module Type: CS6P-P-SD
Location: Sydney, NSW



8. SHELLHARBOUR SHOPPING CENTRE

PV Project Size: 1.2 MW
Module Type: CS6P-P
Location: Shellharbour City Centre, NSW



9. OAKEY SOLAR FARM

PV Project Size: 100 MW
Module Type: CS3U-P and CS6U-M
Location: Oakey, QLD

"We have a long-term approach to sustainability, globally our ambition is to switch to renewable energy to become energy independent by 2020, and we're well on the way. For an installation of this size, installing solar systems on to the roofs of our stores and warehouses here in Australia is a considerable undertaking and each of our sites' has had its challenges. It's important to us and our business to ensure we have efficient, reliable high quality product together with a competitive offer, expert knowledge and experience."

RICHARD WILSON, SUSTAINABILITY MANAGER, IKEA AUSTRALIA

BE SURE TO VISIT OUR WEBSITE FOR DETAILED INFORMATION

Just visit us at <https://www.canadiansolar.com/au> to get a complete overview of our latest products and installations so you can see which models suit your home best. We've included a special contact panel to make it easy to get hold of us and discuss your specific requirements in detail.

CANADA (GLOBAL HEADQUARTERS)

Canadian Solar Inc.
545 Speedvale Avenue, West Guelph
Ontario, Canada N1K 1E6

TEL +1 (0) 519 837 1881

FAX +1 (0) 519 837 2550

E-MAIL sales@canadiansolar.com

AUSTRALIA

Canadian Solar MSS (Australia) Pty Ltd.
44 Stephenson St,
Cremorne VIC 3121, Australia

TEL +61 (03) 8609 1844

E-MAIL sales.au@canadiansolar.com