



solar energy systems

“...now the decision for a cleaner and greener energy alternative is in your hands.”



A solar system installed by the Stoddart Group is gentle on our planet and will reduce your energy consumption.

Your roof is an integral part of your new home. It can also provide the foundation for an environmentally friendly energy solution.



#### WHY SOLAR ENERGY?

Solar power is fast becoming one of the most popular solutions to reduce your carbon footprint and lower your electricity bills. Installing a solar energy system will reduce your reliance on fossil fuels and result in a healthier planet for future generations.

#### NATURE'S ENERGY

Australia enjoys an abundance of sunshine, so harnessing that power seems an obvious advancement. Why let all that sunshine go to waste when you can easily convert it to power for your home?

Our solar energy system provides clean energy for your home, which lessens your reliance on traditional energy providers. A 1.44 kW solar energy system installed on your roof can produce enough energy to reduce your emissions by 2136kg\*. That is over two tonnes each year!

“lower your electricity bills and at the same time reduce your carbon footprint”

#### INVEST FOR SAVINGS

Over the years the average electricity bill has continued to increase and it certainly doesn't look like this will change in the near future. To combat this, your new solar energy system can create long term savings for you in two ways.

Firstly, power will draw from your solar energy system before it draws from the electrical grid, reducing the amount of electricity you will need to purchase. The estimated savings of an average home with a 1.44kW solar energy system is \$600\* each year.

Plus the energy you don't use, you won't lose. This system cleverly channels any excess energy generated back into the grid, providing you with credits on your electricity bill.

\*Estimate of carbon emission and cost savings provided by SolarPower Pty Ltd.



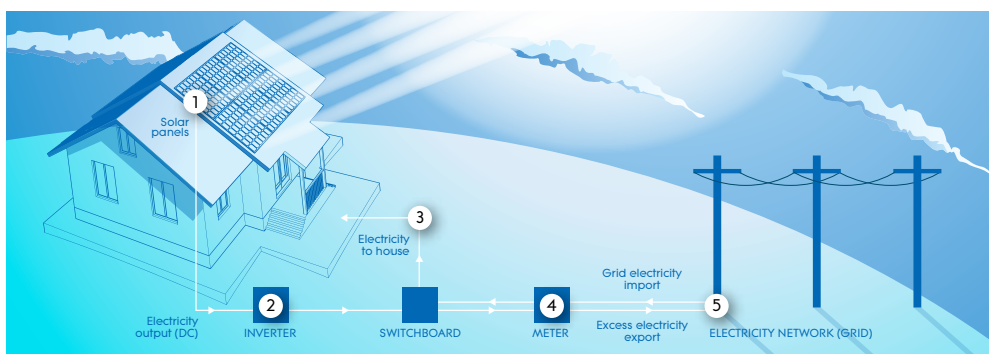
### FUTURE VALUE

When our solar energy system is installed you enjoy the benefits from a financial and environmental perspective. You are also adding value to your home. Houses built with a solar system incorporated now, are more appealing to future home buyers.

### HOW DOES IT WORK?

Once the solar panels are installed onto your roof and the solar energy system is connected, you can start harvesting your clean energy. As the sun shines on your solar panels the solar energy is absorbed to create direct current (DC). This is converted to 240V AC power, suitable and ready to be used in your home.

The solar energy system is the first source of power for your home and in the event you are generating more power than your home requires, your newly generated clean energy is transferred back to the electrical grid.



### A CONFIDENT CHOICE

When your builder has engaged the Stoddart Group to supply and install a solar energy system for your new home, you have secured the services of the best in the industry.

The Stoddart Group is proudly Australian and has provided the residential market with a superior and complete installation service for nearly 50 years.

Our solar energy system is another example of the Stoddart Group meeting the needs of the market.

- ① Your solar panels generating DC power
- ② An inverter unit converts the DC power to 240V AC
- ③ Your house draws on the "clean" energy first and the grid power as a secondary source
- ④ Your meter measures the electricity you produce and consume
- ⑤ Excess electricity generated is fed back into the electricity grid



"the Stoddart Group has provided the residential market with a superior and complete installation service for nearly 50 years."

#### WARRANTY

The Stoddart Group stands by its products and our installation service. We provide a 10<sup>†</sup> year comprehensive warranty on the complete system; your panels, inverter, all parts, labour and freight.

The performance of the solar panels is also warranted to perform at a minimum of 80% effectiveness for 25 years.

<sup>†</sup>terms and conditions apply.

#### MORE INFORMATION

For more information about solar energy systems visit us at [www.stoddartgroup.com](http://www.stoddartgroup.com).



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