



Help make a brighter, cleaner future: Install a GridPower[®] Solar System

A **GridPower[®]** Solar (photovoltaic or PV) System generates electricity from sunlight. **GridPower[®]** Systems have been designed specifically for use in urban applications where mains electricity is already connected. Solar PV cells, which capture the sun's energy, are at the core of the design. That means clean electricity from a free, non-polluting source of energy to power your home, school, office or warehouse—all year round.

Different systems for different situations

GridPower[®] Kit Systems are available in a range of sizes, and are suitable for installation on the roofs of most buildings. The size, configuration and power output of the system can be tailored to your needs and budget.

GridPower[®] Systems can include an easy-to-use display screen so that you can see how much electricity has been generated. It can also show greenhouse gas savings ... great for school projects, great for the environment!

Reduced electricity bills

GridPower[®] Systems export power back into the electricity grid, either 100% (called gross metering) or

after your house has used what it needs (net metering). Your electricity retailer credits you for the electricity exported to the grid. Depending on system size, you can save hundreds of dollars a year on power bills.

Power without pollution

A **GridPower[®]** 1000 System will save an average of 1,825 tonnes of CO₂ each year—equivalent to planting over 90 trees every year. The bigger the system, the higher the savings.

Residential Grid-Connected PV System



Expandable

GridPower[®] Systems come in standard sizes from 1 kW to 5 kW. The size can be tailored to your requirements and roof space.



No moving parts, no noise

GridPower® Systems work silently, efficiently and need little maintenance.

A **GridPower®** 1000 System will generate an average of 5.3 kilowatt hours (kWh) of electricity per day (yearly national average). The actual amount depends on issues such as season, location and orientation.

Government grants

Grants are currently available for eligible systems under the Australian Government's rebate programs for homes, communities and schools. Go to www.environment.gov.au

Offset air conditioning costs

GridPower® Systems produce the most electricity when the sun is brightest—when air conditioning systems are working hardest. So in effect, you can use the sun to pay for your air conditioning!

What goes into a **GridPower®** System?

A **GridPower®** System comprises solar panels, an inverter to turn the DC electricity produced by the panels into AC electricity (suitable for use within the building), a mounting frame, and wiring.

There are many different options and accessories available, including a portable display screen, data-logging capabilities and software packages.



manufacturers' warranties as standard. Ask your installer for further details.

GridPower® 1000 Performance Estimate

Location	Avg. Energy (kWh/day) ¹	Tonnes of CO ₂ avoided per kWh ²	Carbon offset (tonnes/yr)	RECs produced ³
Brisbane	5.53	1.04	1.90	20
Sydney	5.04	1.06	1.93	20
Canberra	5.48	1.06	1.93	20
Melbourne	4.74	1.31	2.15	17
Hobart	4.40	0.13	0.19	17
Adelaide	5.51	0.98	1.79	20
Perth	5.85	0.98	1.79	20
Darwin	5.91	0.79	1.59	23

1. Taken from <http://rredc.nrel.gov/solar/calculators/PVWATTS>. Hobart and Alice Springs are estimates.
2. The Carbon Offset is based on data from NGA Factors January 08.
3. The number of Renewable Energy Certificates per system is based on 15-year deeming. Ask your installer for the current price of Renewable Energy Certificates.

For other locations visit our web site: www.gridpower.com.au and click on the "calculator" link.

Highest quality components

A **GridPower®** System uses only the highest quality components from Australia and overseas. All the components comply with applicable Australian and international Standards.

Robust and durable

GridPower® solar panels are built to last. Solar cells are encapsulated behind tempered glass, supported by anodised aluminium framing. They all have a 25-year manufacturer's limited performance warranty.

GridPower® Systems are held in place by certified mounting structures. These have been specially designed and tested for solar system use. There is a 10-year limited manufacturer's

warranty on all framing components.

All inverters in a **GridPower®** System have limited

Accredited installation

All **GridPower®** System designers and installers are BCSE-Accredited, as required by the government rebate programs. This means that they are up-to-date with all technical and safety Standards for solar power systems, and conform to industry best practice.

Where can I get my **GridPower®** System?

Contact your local dealer for a quote, or phone 1800 074 007 to find your local dealer. Check out the **GridPower®** website for more information www.gridpower.com.au.

AGENT'S STAMP

PLEASE NOTE: The information contained in this brochure should be used as a guide only. Actual performance will vary depending on exact location and installation conditions. We reserve the right to change product specifications without notice.