IT'S TIME FOR A POWER SHIFT

REVOLUSUN POWER

SMARTER. CLEANER. ENERGY SOLUTIONS

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CLEAN ENERGY COUNCIL APPROVED SOLAR RETAILER

SMART ENERGY COUNCIL MEMBER

CLEAN ENERGY COUNCIL MEMBER

WELCOME TO SOLAR

Our great Aussie sunshine is a truly amazing resource. Not only does it provide us with a year-round excuse to throw a backyard barbeque, it's also an impressive source of energy that can be harnessed to power our homes, businesses and even our cars.

Unlike the fossil fuels that give us most of our electricity today, the sun will never run out - it's free and it's totally accessible to everyone with no need for digging or drilling. To take advantage of solar energy all you have to do is step outside on a sunny day! In fact. every time you hang your laundry outside to dry you're using solar power even if you've never really thought about it.

As the worldwide focus on environmental issues intensifies, finding sustainable, renewable, and above all clean energy sources has never been more important.

With home solar systems more affordable than ever before, millions of Australian homeowners are already taking control of their energy costs and generating huge savings along with renewable power for their homes.

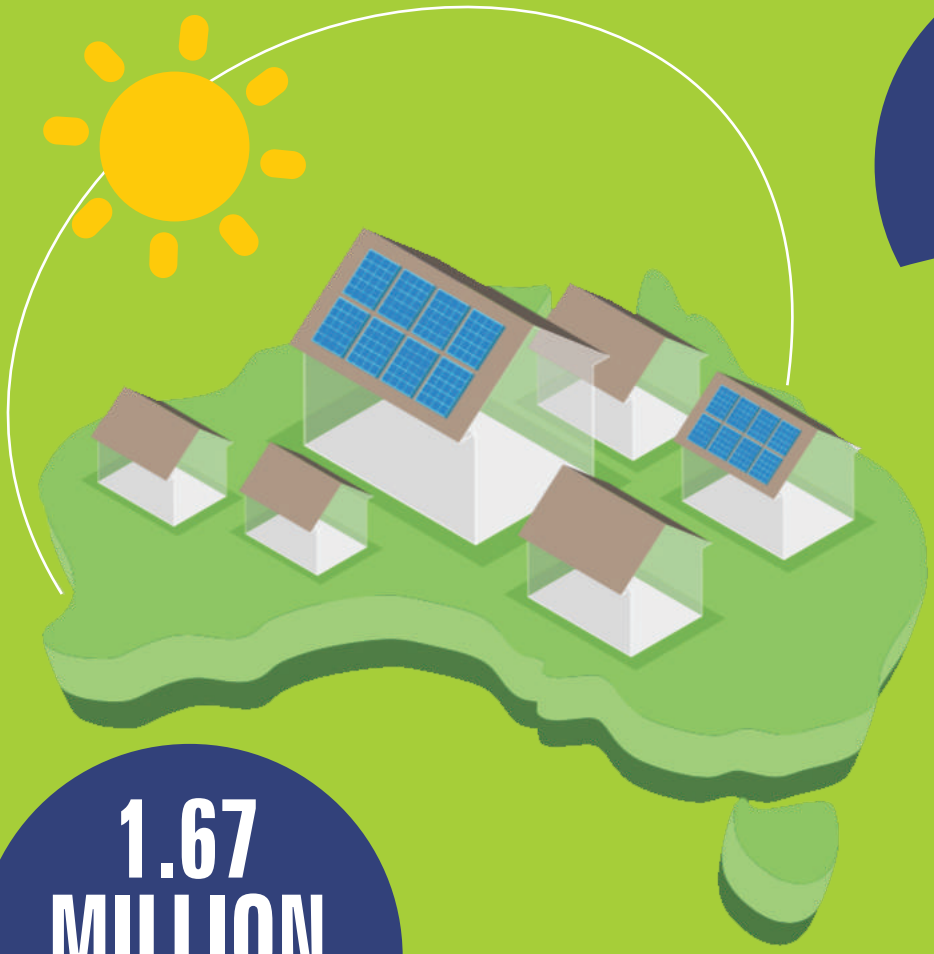
Are you fed up of being at the mercy of rising energy costs and unreliable electricity providers´ By embracing solar, you can set yourself free and take a step towards a brighter, more sustainable future.

A FEW FACTS ABOUT SOLAR

The availability of solar radiation per square metre is higher in Australia than anywhere else in the world making solar the ideal renewable energy source for our homes.

10,000X

AUSTRALIA RECEIVES ENOUGH SUN TO MEET OUR ENERGY NEEDS 10,000 TIMES OVER*



15%

15% OF AUSTRALIANS ALREADY HAVE SOLAR PANELS*

1.67 MILLION

1.67 MILLION HOMES*
THAT' HOW MANY HOUSEHOLDS ALREADY HAVE SOLAR PANELS

There has never been a better time to make the switch to solar. As well as the many benefits you'll receive in terms of cost saving and convenience, right now the Australian government has a number of financial incentive schemes for homeowners that help reduce the cost of your system.

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WHY CHOOSE SOLAR?

While the costs have come right down over the last few years, a solar system is still an upfront investment. However, unlike most investments, solar will give you guaranteed returns for the next 25 years. Generally speaking, most home solar systems pay for themselves in around 4-5 years - after that you can put your savings towards a new car, the kid's education or that trip to Europe you've always dreamed off. Now that's what we call a bright idea!

Cost saving is just the start. Here are some of the ways you and your family can benefit when you make the switch to solar.

INDEPENDENCE FROM THE GRID

Free yourself from the burden of rising energy costs and dependency on the big electricity companies and their corporate agenda. When you generate your own electricity you can feel empowered knowing that you are firmly in control of your future.

INCREASE YOUR HOME'S VALUE

85% of Australians see rooftop solar panels as an enhancement to the value of a property (realestate.com.au report)

ENJOY MONEY SAVINGS

Significant savings from reduced electricity costs and rebates when you feed energy back into the Grid. Over its lifetime, your solar system could save you more than $50.000.*

REDUCE YOUR ENVORNMENTAL FOOTPRINT

Climate change is a real concern for most Australians and you can do your bit by making the switch to a clean, renewable source of energy like solar.

THE RELIABILITY OF SUNLIGHT

Being at the mercy of random power outages and other common frustrations is no fun. The sun is a far more reliable source of energy than any electricity company.

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6 STEPS TO SOLAR

RevoluSun Power is committed to help you and your journey to solar by making it as easy as possible. In fact we've boiled it down to six steps.

1 GET IN TOUCH

Give us a call and have a chat with one of our friendly sales consultants. Tell us all about your energy usage, the size of your home, the roof size, orientation and any potential shading issues. We will then go through your options with you and help you decide what system is best for you. We can also discuss financing if necessary.

2 REVIEW YOUR ORDER

After you place your order, we will send a Clean Energy Council (CEC) accredited solar technician to identify the optimal placement of all your system components to give you the best results, as well as providing any other advice in person. Even if a visit is not needed, a technician will review your order before finalising it.

3 APPLY FOR APPROVAL FOR GRID CONNECTION

Where grid connection is needed, we will take care of this for you. Once approval is received, our installers will contact you to agree your installation date.

4 INSTALL YOUR SYSTEM

Our CEC accredited solar installer will attend your property to install your solar system. Once installation is complete, our technician will make sure you're happy with your installation, hand over all your warranty paperwork and manuals and show you how everything works.

5 REGULAR MONITORING

If you've chosen our Solar Analytics service, You will see your energy usage along with what you're generating and what you're selling back to the grid in real time! RevoluSun Power will also moniter your system and alert you if it's not performing at its best.

6 SUPPORT AND CARE

We support our ever-growing RevoluSun Power customer family for the long term. Should you have any questions or concerns about your home solar system you can call us and we'll keep you up to date with any new developments.

You don´t need to maintain your panels apart from keeping them clear of leaves and trees, but you should have any electricity equipment checked over every couple of years. Relax, we´ll remind you.

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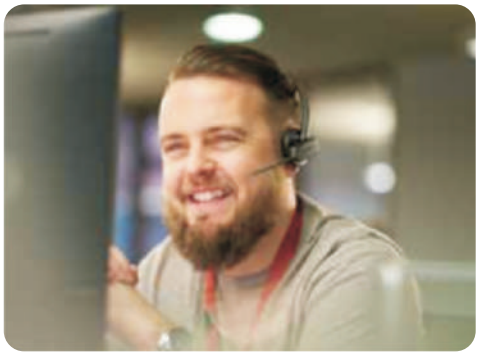
SOLAR FAQS



Hi,

We get lots of great questions about solar, and we welcome them all - we love to talk about solar, it's our passion.

So do feel free to call or email us any time with any question.

In the meantime, here are a few of the most commonly asked questions.

ASK US YOUR QUESTIONS

Call us on **1300-738-658**, email us for a call-back at info@revolusun.com.au or use the Live chat feature on our website at **http://www.revolusun.com.au/livechat**

SUNSHINE IS A GREAT ASSET

Join the rooftop revolution and take control of your energy costs. There's a solar solution for just about any home. Because solar is the future.

1 HOW LONG WILL IT TAKE UNTIL I START TO SEE SAVINGS ON MY ENERGY BILL?

How quickly you'll see savings depends on your electricity retailer's billing cycle plus it may be affected by any one-off charges they add in transitioning you to solar readiness - for example for a required meter upgrade. It usually taken 1 to 2 billing cycles before you see the savings. The good news is once those savings start, they're yours for the long haul

2 DOES MY ELECTRICITY BILL GET CREDITED?

Generally yes. your electricity bill does get credited unless you have a solar battery installed. This is called a feed-in tariff which is determined by your electricity retailer. The rate you receive depends on which state you live in and your choice of electricity retailer. As this is an area of frequent change. Talk to one of our consultants to find our what level of feed-in tariff you may be eligible for in your home state.

3 WHAT'S THE DIFFERENCE BETWEEN SAVING AND FEEDING BACK ELECTRICITY?

When you reduce your consumption of grid electricity and substitute it with solar, you can make substantial savings on your power bills. Feeding surplus power back into the grid means the energy company will pay you at their feed-in tariff rate. However, this will not be your main source of savings so it's best to focus on reducing your consumption and replacing grid energy with solar if you want to get the best savings.

SOLAR COSTS ARE DOWN AND POWER BILLS ARE UP.

There's never been a better time to go solar. We have a solution for every home. Call us today 1300-738- 658 to discuss your savings.

5 WHAT WILL HAPPEN WHEN THERE'S SHADING?

Shadows and shading from tress and buildings will reduce your solar systems output. When you get a solar system with us, our consultants will help you find the best positioning and location for your solar panels to avoid shading and ensure optimum performance.

6 WHAT ABOUT IF I GO ON HOLIDAY?

No problem! Your solar system will continue to operate and will offset the daytime base load which is the minimum amount of electricity that your home consumes. The rest will be exported and you will receive your Feed in Tariff (FIT).

7 WILL MY SOLAR SYSTEM STILL WORK DURING A BLACKOUT?

Your solar system is reliant on the grid to work so unless you have a solar battery installed it will not work during a power outage.

Battery systems such as our Battery Systems are the real guard against blackouts due to their advanced hybrid technology. If, guarding against blackouts and ensuring when lightning strikes and the grid goes down is important to you, it is best to discuss this with our Solar Consultants.

8 HOW OFTEN WILL I NEED TO HAVE MY SYSTEM SERVICED?

Solar systems have no moving parts therefore constant servicing is not required. However, we do recommend to have it inspected every two years. An alternative option is to purchase a solar monitoring system which keeps an eye on your systems health, measuring your monitering consumption and efficiency. To learn more about our solar monitoring system, please speak to our Solar Consultants.

9 DO YOU HAVE FINANCE OPTIONS AVAILABLE?

Yes. We understand that purchasing a solar system is a significant investment.To assist, we are partnered with different finance companies, who provide flexible and easy finance options, subject to approval of course.

10 HOW MUCH DO I NEED TO PAY UP FRONT? AND WHEN DO I PAY THE BALANCE?

A deposit of 10% is required with your initial order. Final payment will be required the week leading up to your installation.

11 WHAT HAPPEN WHEN I PLACE MY ORDER? HOW QUICKLY WILL I SWITCH TO SOLAR?

We usually organize for our CEC Accredited Technician to visit your property to confirm that all aspects of your property are suitable for solar. Installation can occur from 4 to 6 weeks in metro areas- it may take a little longer in more remote areas to schedule an installation technician. During this time, we apply for grid connection so the time is well spent.

12 HOW LONG WILL INSTALLATION TAKE FROM START TO FINISH?

For the average home solar system, the actual installation will generally be done in one day.

13 WHEN CAN I ACTUALLY TURN MY SYSTEM ON?

This depends on your geographical location. For example some states may require an inspector to sign off on the installation, if this is the case, you may need to wait up to 4 weeks to get approval to turn it on from your Distributor. In some cases, it can be turned on immediately. Our consultants can inform you of your Distributor and their requirements.

14 HOW CAN I TELL IF MY SOLAR SYSTEM IS PRODUCING ELECTRICITY?

Your inverter shows you your daily yield or " day to day" readings. Record these readings just before sundown, for 5 consecutive days, to see an overall average of power generated by your system. Compare these readings to your performance estimates located in your manual. This is a good indication of how your system is performing. If you need any further information, please call us.

15 DO I NEED TO UPGRADE MY ELECTRICITY METER?

In order to install a grid connected solar power system at your premises, you will need a compatible switchboard and net meter. The meter is important as it will measure and record how much you consume from the grid and also export excess power generated back to the grid.

During the site inspection, we will ensure that your meter is correct, if it is not we will work with your electricity retailer to arrange this and we will advise you of the cost.

16 IS MY SOLAR SYSTEM COVERED BY MY HOME AND CONTENTS INSURANCE POLICY?

Solar panels are fixed to the home so many insurance companies consider them to be part of the structure of the home and not part of its contents. We recommend that you contact your insurance company for further clarification to ensure your solar system is adequately covered.

SOLAR: NOW'S THE TIME TO GET STARTED

The idea of breaking free from dependence on greedy energy companies, saving hundreds of dollars a year in energy costs and embracing a more sustainable lifestyle might sound great, but in reality solar is not going to suit everyone.

Before you rush out and spend thousands of dollars on a brand new home solar system, take some time to think about whether solar is really going to be the best option for your home and family. If your roof faces south, your house is under heavy, tree canopy and you're rarely ever home, it's probably fair to suggest standard solar may not be the best option for you. however, adding battery storage could well change that.

If you're not sure whether solar is going to be a bright idea for your home, just give us a call. At RevoluSun Power, we'll assess your home and your costs to help you decide if solar is going to work for you and give you practical advice and support getting started.

SOLAR SIMPLY MAKES SENSE

Take some time to think about whether solar is going to be the best option for your home and family. We hope this guide helps.

SOLAR REBATES DEMYSTIFIED

In a bid to increase the amount of Australia's electricity supply that comes from renewable sources, the government has created various incentives for homeowners who install solar. There are two main schemes that you need to know about before you invest in a solar system:

SMALL-SCALE TECHNOLOGY CERTIFICATES (STCs)

Small-Scale Technology Certificates (STCs) are given to homeowners who buy and install a small-scale solar system, subject to certain approvals. These certificates come in the form of credits that can be redeemed of cash.

Currently worth around an average of $3115* towards a 5kW sysetem, the value and number of these certificates fluctuates according to the demand for solar systems. When you buy a solar system, the company you buy it from usually purchases the STCs from you and deducts their value from the sale price. So when you see a solar system advertised for sale it has the STCs already deducted from the retail price.

FEED-IN TARIFFS

The feed-in tariff (FIT) is the rate at which your energy provider will pay you for power you feed back into the grid. This is decided by the energy provider, and it's well worth shopping around to find the best offer.

A high FIT will increase the cost savings of your solar system by a small amount. This is only relevant if you are planning to feed electricity back into the grid. If you have a solar battery to store your power for later the FIT won't be a factor as you'll be able to use all your power yourself.

INCENTIVES FOR YOU

These are the two main schemes you should know about before investing in a solar system

HOW DOES SOLAR WORK WITH THE GRID?

Trust us. you don't need an advanced degree in solar technology to run a home solar system, but an understanding of the basics will give you an advantage when it comes to choosing the right system and getting the most out of it.

A solar grid system is one that's connected to the main electricity grid as opposed to an off grid system which is completely standalone. With a solar grid system you can still take power from the grid when you need it (for example at night). And also sell any excess power that you've generated yourself back to the grid.

Solar grid systems in Australia are set up to use solar power first and the grid second. This means that while you're generating solar power you won't need to draw from the grid, but it's there as a backup. When the amount you generate is surplus to your home needs, you can feed it back into the grid and the energy company will pay you for it or else back to batteries for your own use later.

WHAT IS A BATTERY-READY SOLAR POWER SYSTEM?

A question many Australian home solar owners will be asking themselves is whether their solar panel systems are battery compatible or upgradeable.

Yet-to-be solar purchasers may also be wondering whether to buy a battery ready system now or if they should they wait.

'Plus And Play', 'battery upgradeable', 'campatible' and 'ready' are a few terms being bandied about in relation to solar + storage ; making the topic a little more confusing for all.

SOLAR INVERTERS AND BATTERY STORAGE

As previously discussed, the role of a solar inverter in a conventional solar power system is to convery direct current (DC) generated by the **solar panels** into alternating current (AC), suitable for use in the home or for exporting to the mains grid.

In a system featuring **battery storage** the inverter also needs to be able to route DC into the bettery for charging. either from the solar panels or via cheaper off-peak mains grid power.

This is a very important distinction - and most solar inverters installed in Australia are not able to perform this added function; nor can they be upgraded.

While some of the new generation of residential energy storage systems are being promoted as being "plug and play", others will need the right equipment to plug into - and in many cases that means the right solar inverter.

Even in the "plus and play" scenario; there are some important issues to be aware of.

BATTERY 'UPGRADEABLE' SYSTEMS

A system described as being "upgradeable" is a term that can be a little vague at times.

Many systems can be "upgraded" - but as indicated above, it may mean you need to acquire another inverter or other additional equipment. However, you'll be able to continue using your panels, the solar panel mounting system, plus some wiring.

It's important to ask a solar company what they mean by "battery upgradeable".

BATTERY 'READY' SOLAR PANEL SYSTEMS

There is a significant difference between "upgradeable" and "compatible" or "ready" in terms of hardware. As well as having a compatible inverter, a truly battery ready solar power system will also have a power meter or equivalent hardware already installed.

A power meter is a bidirectional device that optimises self-consumption of solar generated electricity and records the household's energy production and usage patterns.

These devices also communicate data via a household's internet connection to a central secure server. The household can then access user-friendly reports via a web interface using a computer or hand held device such as a cell phone or a tablet.

The power meter is not only important as part of a battery system, but also in the lead-up to it being installed as it will indicate the amount of storage capacity required and help confirm if a battery system will be a wise investment.

COMPATIBILITY ISN'T JUST ABOUT COMPONENTS

In addition to needing the right inverter (depending on the battery solution chosed), where the inverter is located can play a role.

A system's hardware may qualify as being battery compatible or upgradeable ; but if it's been installed incorrectly for energy storage, you may face significant costs in setting things right.

Having a knowledgeable installer is crucial - and comparatively few solar installers in Australia have had the opportunity to gain expertise in installing battery systems.

For a system to be truly battery ready, it must have the right components, installed correctly.

BUY SOLAR NOW - OR HOLD OFF?

It's true that solar has generally become cheaper over time, so the temptation may be to wait until battery systems are widely available.

However, even if a solar power system drops (for example) in purchase price by $500 over the next year, you may be missing out on $2000 in electricity bill savings in the meantime - and crucial information you'll need to base an energy storage purchase decision on.

The other wild card relating to solar prices are currency exchange rates that influence the cost of components - prices can go the other way as they have done in the past.

Save today and store tomorrow - get a quick quote on a battery-ready system.

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If you'd like some advice on choosing the right system with energy storage in mind; our experts have been installing battery systems across Autralia. Our team would be happy to advise you and can be contacted on 1300-738-658.

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IS SOLAR RIGHT FOR YOU RIGHT NOW?

If you've determined that solar is right for you, you might be wondering whether to take the plunge now or wait. Be assured there's never been and probably never will be a better time to invest in a solar system for your home. Here's why.

1. Energy costs are rising. With electricity costs increasing up to 10% per year now is the time to take control of your energy consumption and generate your own power. The longer you procrastinate. the more you'll pay.

2. Traditional sources of electricity face an uncertain future. The fossil fuels that provide the majority of out grid electricity supply are in limited supply and viable alternatives are still being developed. A home solar system gives you some stability and control over where your power will come from, whatever the future brings.

3. The longer you leave it, the lower your rebate. STCs form the main financial incentive for homeowners to move to solar. Under the current system the amount you receive is based on how much electricity your system will produce between the time of installation and 2030. As time marches on and we get closer to 2030, the rebate is shrinking.

4. The higher the demand for solar, the lower your rebate. The more households install solar, the more STCs are in the market and thanks to the law of supply and demand, this means their value decreases. Getting in early can lead to significant saving.

5. Environmental concerns are at an all time high. The threat of global warming looms ever more largely and environmental scientists are warning us to take action sooner rather than later to reduce greenhouse gases. By taking the step towards solar now, you can reduce your environmental footprint and reliance on fossil fuels and help protect the environment in the future.

While it might not be right for everyone, if you're amount the vast number of Australian homeowners who can benefit from the power of solar energy, now is the time to step into the light.

Take power over your electricity consumption, free yourself from dependence on unpredictable energy providers and save hundreds of dollars a year on your power bills With so much to gain why would you want to wait'

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TAKE YOUR NEXT STEP TOWARDS SOLAR INDEPENDENCE

Together we are committed to navigating Australians into a renewable future by giving our customers the best available solar solutions. We look forward to helping you on your journey to solar.

www.revolusun.com.au

Call us for a chat on 1300-738-658

Email us for a call-back Hello@revolusun.com.au

Use the Live chat feature on our website at www.revolusunpower.com.au