



# Product Information



# Solar on with Qantas

At Solargain, we are proud to be partnered with Qantas Frequent Flyer. As part of this partnership, our customers can earn Qantas Points. Anyone who purchases any of the products or services below from us is eligible to earn, at minimum, 1 point for every dollar spent!\*



Solar PV Systems



Solar Hot Water



Battery Storage



Solar PV upgrades



Service & Maintenance

## Start earning Qantas Points



If you're not already a Qantas Frequent Flyer member, that's fine! We'll waive the usual membership fee of \$99 for you. Join for free [here](#) or talk to our team.

## Ways to use Qantas Points

When it's time to use your Qantas Points, you can choose from thousands of amazing rewards. Take a well-earned break, request a flight upgrade, indulge in gourmet food and wine, or treat yourself to something from the Rewards Store - all on points. Check out [store.qantas.com/au/](https://store.qantas.com/au/)



\*Visit [solargain.com.au/qantas](https://solargain.com.au/qantas) to see our full terms and conditions.

# Our Renewable Solutions

When it comes to solar, we want to help you find the right fit for your home. That's why we tailor our renewable energy solutions to suit your power consumption, budget and lifestyle.

In this document you'll find all of our manufacturers and a description of the products produced by all of them.

We take great care in selecting what products we offer to our customers. We choose only products that we are confident will stand the test of time against Australian conditions, and have established support networks so that our customers will be taken care of over the years when using Solargain products.



Solar Power



Solar Hot Water



Solar Repairs

## Why Choose Solargain

Here are some of the reasons why our customers choose Solargain for their renewable energy needs.



**16**

Years in Solar



**72,000+**

System Installations



**100%**

Australian Owned & Operated



**2,500+**

Positive Online Reviews



**\$0**

No Deposit Installations



Qantas Frequent Flyer Points



Quality Assurance Certified



CEC Approved Retailer



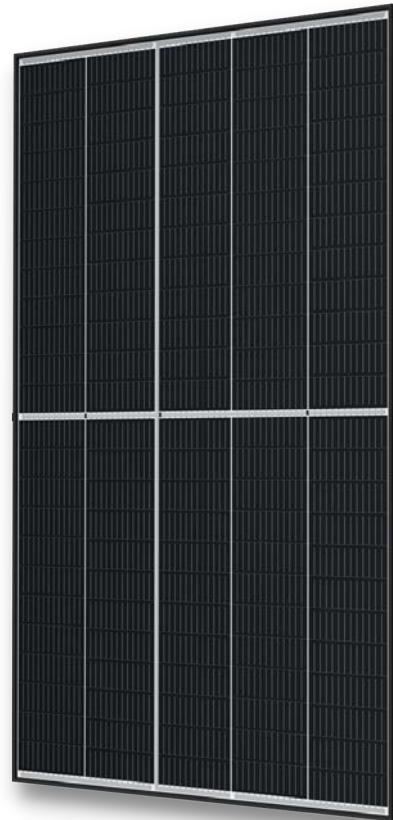
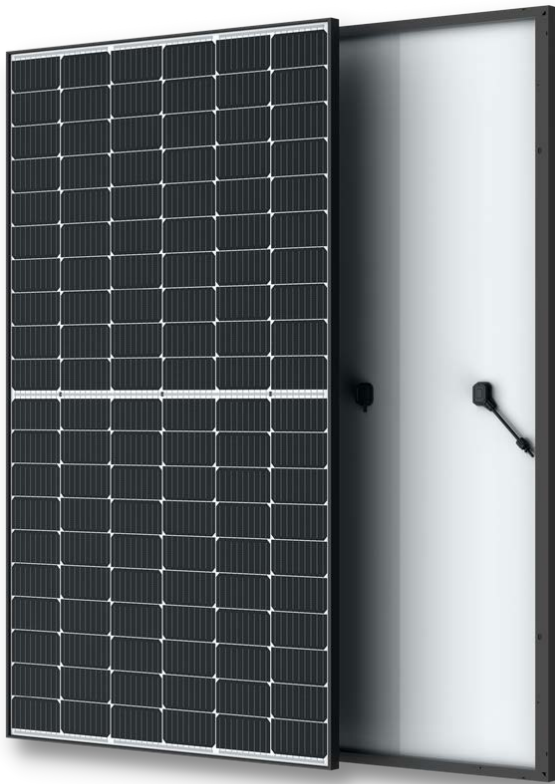
Most Satisfied Customers



Top 5 Solar Company 10 years Running



# Products

The logo for TrinaSolar, featuring the word "Trina" in blue with a red dot above the 'i', followed by "solar" in a lighter blue.

Founded in 1997 and entering the New York Stock Exchange in 2006, Trina Solar played a role in shaping the early solar industry into the one we know today.

In over two decades since their founding, their constant innovation on past technologies, and mission to boost global renewable energy development for the benefit of people all around the world means they have established themselves as a leading global provider.

Trina Solar provides PV products, applications and services, and has installed more than 5 gigawatts of solar power plants around the world by 2018. They specialise in the manufacturing of crystalline silicon photovoltaic modules and system integration. Trina Solar panels are both highly powerful and aesthetically pleasing, making them perfect for any residential installation.

# Solar Panels

*Solar*  
**Jinko**



First opening their doors and entering the solar energy industry back in 2006, JinkoSolar is one of the best known Chinese PV module manufacturers in the market today. With over 15,000 employees across 24 sales offices in 23 countries, JinkoSolar is also one of the top three largest PV manufacturers active today.

JinkoSolar is very well respected and known as a Tier 1 solar module manufacturer, and they were the first Chinese manufacturer to receive the highly lauded Q+ Certification. They earned this due to their staunch commitment to quality and safety, putting all of their products through repeated and stringent quality control tests. For more than five years now, their modules have consistently earned top marks in all respects.

JinkoSolar panels are often used for premium solar installations due to their superior quality and their systems excellent efficiency, reliability and long-lasting performance.

# Solar Panels

# SUNPOWER®



Founded in Silicon Valley, California way back in 1985, SunPower is one of the most experienced and long-established solar technology companies in the world. On top of holding the record for most efficient solar modules, they hold over 200 patents for solar technology, firmly establishing their position as a world leader in residential, commercial and even utility-scale solar power production.

SunPower has great faith in their solar panels, and back them with a 25-year product and power warranty. If something ever does go wrong, they are happy to assist in the repair or replacement of faulty panels in the rare case of non-performance. This should rarely come up though, as SunPower panels are designed to be almost entirely maintenance-free throughout their lifetime and should be able to function just fine up on your roof for far longer than most other panels.

At Solargain, we offer the SunPower P3, the SunPower Maxeon 3 and the SunPower Maxeon 5.

# Solar Panels



One of the largest photovoltaic cell manufacturers in the world, Q CELLS reputation for high quality and high efficiency in all products they produce is well earned. Their headquarters are located in both Seoul, South Korea, and Thalheim, Germany, and they are uniquely equipped to supply markets all across the globe, thanks to several internationally based manufacturing facilities. They have stayed true to their mission to innovate on and apply their state of the art solar technology in order to help shape the emerging new era of solar energy within the energy industry since they opened their doors in 1999.

Their primary focus is always on their customers, and they constantly work to meet their needs. With their constantly growing networks in Europe, North America, Asia, South America, Africa and the Middle East, the avenues in which they can provide customers with any of their products, from modules to systems to large scale solar power plants only continues to expand.

# Solar Inverters



Growatt first opened their doors in 2010, and have rapidly proven their quality and expanded their operations worldwide, establishing themselves as one of the world's most popular Chinese manufactured inverters. They now have branch offices in Germany, the US and the UK, Australia, Brazil, Thailand, India, the Netherlands and more.

Having a branch office in Australia allows them to circumvent one of the most common issues Australians face when using inverters from international manufacturers. Without an Australian office, it can be difficult for customers to get support or make warranty claims. Meanwhile, Growatt has both a branch office in Melbourne and a dedicated support office in Sydney, which is well equipped to assist Australians around the nation.

Growatt was established with a mission to innovate and develop new solar technologies, and have stuck to this mission since their founding. All of their inverters are put through rigorous testing and continually iterated upon to ensure their customers continue to get the very best in solar.



# Solar Inverters



# HUAWEI



Entering the global landscape in 1987, Huawei made their name as a global provider of information and communication technology, and are committed to improving the accessibility, practicality and affordability of various digital technologies. Though making their name in digital technologies, Huawei has turned their broad knowledge base and experience in a variety of industries towards solar. From inverters to optimisers, to a fantastic all-in-one monitoring platform, and even energy storage systems. We proudly provide the Huawei FusionSolar smart inverters, as well as the Huawei LUNA battery.

Huawei FusionSolar smart inverters leverage more than 30-years worth of experience in the field of digital information technology to provide you with smarter and safer inverters that provide more optimal levels of power generation. Since entering the solar energy industry, Huawei has continued to iterate and improve upon their designs and the utilisation of solar power the world over. This has allowed them to help power the homes of millions of residents as well as hundreds of businesses globally.

# Solar Inverters



Fronius have been manufacturing welding equipment, chargers and transformers since the 1940s. During this time, they created inverter technology so advanced that it led to key breakthroughs in this field.

In the mid-90s, they began using this inverter technology for solar applications, winning an Austrian innovation prize for their Sunrise solar inverter in 1997 and for their standalone sine-wave inverter, the Solarix, in 1999. In 2001, Fronius launched its highly successful IG inverter range, winning yet another award in Austria when they were released and also the Frost & Sullivan Best Practices Award later in 2008.

These inverters were a benchmark for solar inverters all over the world, and are only just being phased out after nearly 15 years in the field. From this rich history of reliability, innovation and service, the new SnapINverter generation from Fronius was born.

# Solar Inverters

# solar**edge**



An award-winning, America based solar inverter manufacturer, SolarEdge has installed systems in over 133 countries around the world, with 22.4 gigawatt of systems shipped worldwide. Their inverters are renowned for their intelligent solutions, which have revolutionised the way that power is harvested and managed within solar photovoltaic systems.

SolarEdge's DC optimised inverter system maximises solar energy generation, and their systems enjoy some of the highest levels of efficiency in the market today. It's no wonder then that their inverters have earned a number of awards, including the prestigious 2016 Intersolar AWARD, and the renowned Edison Award.

They also offer unique systems that few other manufacturers have available, including the all-in-one EV charging inverter, which lets you manage your homes solar and charge your electric car with the same unit. As well as their new SolarEdge Energy Bank 10 kWh battery. Which is compatible with SolarEdge Energy Hub, SolarEdge Genesis, and SolarEdge Three-Phase Hybrid inverters, making it perfect for any installation.

# Solar Inverters



An American company founded in 2006 and entering the Australian market in 2013, Enphase very quickly established themselves as our sunny nation's dominant micro-inverter manufacturer. They reached an 8% market share back in 2015, and have been undergoing steady growth in size and market share since then.

They're able to not only maintain but continue to grow their presence here thanks to their excellent local support network, with a dedicated 1800 number and offices in both Sydney and Melbourne.

Not that their systems regularly require repairs. Enphase Micro-Inverters are put through rigorous testing to ensure that they will be able to withstand the harsh Australian climate and have been proven many times over to be highly durable and effective over their lifetime.



# Solar Energy Storage



# HUAWEI



Huawei batteries are the perfect choice to pair with any Huawei inverter. The Huawei LUNA battery stands out amongst its peers for its efficiency and optimal levels of production and power retention. If you are looking for a high-quality solar energy storage system, then you should consider Huawei.

The perfect solar storage solution to couple with any Huawei inverter, the Huawei LUNA is here. Built as an adaptable and modular storage system, the Huawei LUNA has the unique benefit of being able to scale to fit your home's energy needs. With a maximum capacity of 30 kWh and a minimum of 5 kWh, the Huawei LUNA is well equipped to scale to whatever a home's needs may be. Add on to this the batteries 100% depth of discharge, and you can be confident that whatever system size you install, your Huawei solar battery will let you make the most of your solar energy. In addition, the Huawei FusionSolar app makes monitoring your power a breeze, making it easier than ever to take total control of your battery, and your solar energy system as a whole.

# Solar Energy Storage



The Battery Box Premium HVS/HVM is BYD's solar energy battery offering. The system ranges from 5.1 kWh of useable storage all the way up to 22.1 kWh with the exact amount on offer being easily shifted by attaching additional battery units to your B-Box system. This feature allows the battery system to be adaptable, its output and storage capacity able to grow right alongside your home's energy needs.

Offering more power per kilowatt-hour than almost any other solar energy storage system currently available on the market, the B-Box is an excellent choice for anyone looking for a powerful battery to complete their solar energy system. With BYD currently holding the status of the largest producer of rechargeable batteries in the world, you can rest assured they have bountiful experience in the battery industry. Also included with the storage unit is a battery management system, to help ensure that you're able to make the most of your new unit.

# Solar Energy Storage



Growatt offers an excellent solar energy storage system in the form of the Growatt GBL16532. We're proud to offer this battery alongside the high quality solar inverters that Growatt is better known for.

The battery offers 6 kW capacity, making it a perfect addition to any solar installation utilising Growatt inverters, and comes with a number of benefits which makes it a very appealing choice for those looking to upgrade their homes solar PV with an energy storage system. It is compact and easy to install, with very high energy density and efficiency, and is very safe. The battery uses LiFePO4 battery units, which are the safest form of Lithium ion batteries currently available for residential batteries today.

This battery is the perfect thing to pair with any of Growatt's range of excellent high quality inverters, many of which we have on offer at present, covering a wide range of outputs, they're suitable for any home.

# Solar Energy Storage

TESLA  
POWERWALL



The Tesla Powerwall is a highly intelligent battery which automatically registers when a blackout occurs and keeps the lights on until the grid comes back online. While a practical battery and an effective solution to blackouts all on its own, the Powerwall is really at its best when you pair it with a solar PV system. Coming with an inverter built into it, the Tesla Powerwall is the complete package, and easily integrates into any solar power system. With a capacity of 13.5 kWh, it can easily keep the lights on all night long after charging up with the power of the sun throughout the day.

The Powerwall possesses astonishing levels of durability too, as long as it is used only to store energy generated by your solar energy system, the Powerwall should never require any maintenance, and offers unlimited power cycles. It's more than ready to power your home and reduce your reliance on the grid for years upon years to come.



# Solar Energy Storage

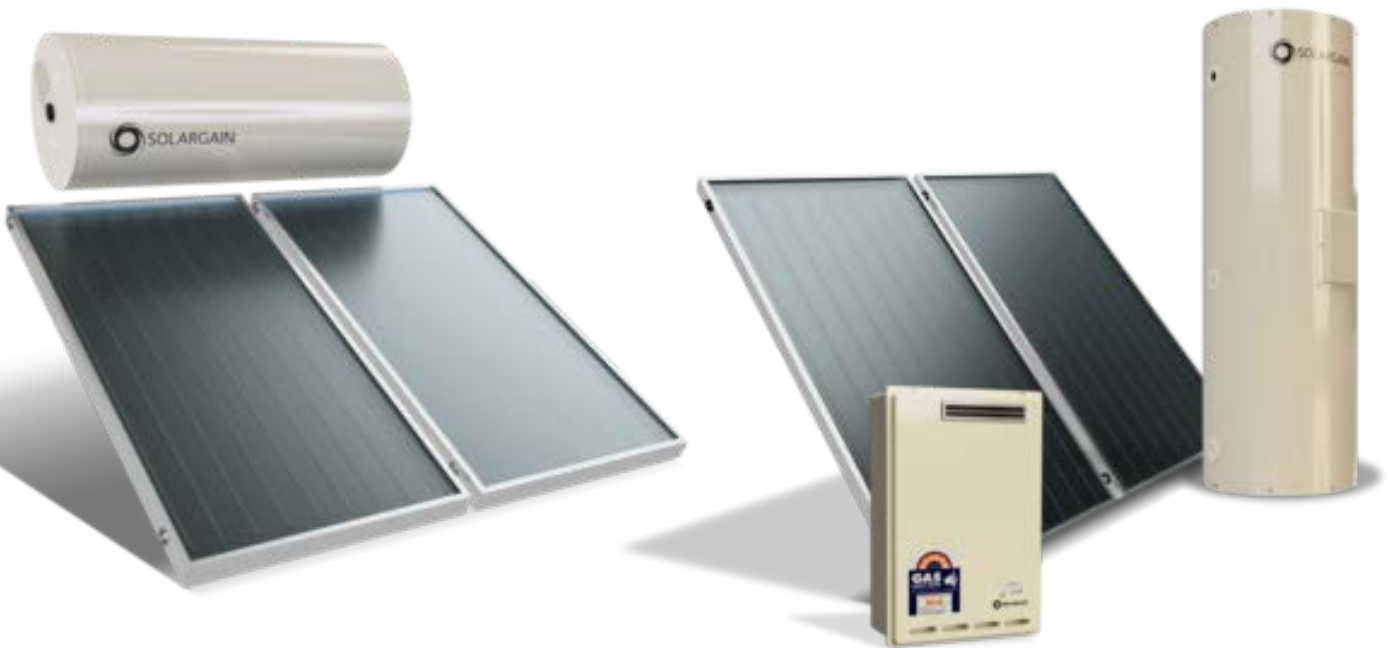


LG Chem produces some of the highest quality and highest efficiency lithium-ion solar home batteries available in the market today. We offer a 10 kWh and 16 kWh battery from LG Chem, both of which are compatible with most inverters currently on the market.

LG Chem systems are well known for the ease with which they can be installed and how clean they look in your home, with very little visible wiring or complicated systems. They are easy to use and enjoy fantastic high durability and efficiency.

In addition, LG Chem RESU batteries are known for possessing the same levels of safety that LG's car batteries have, the technology repurposed for home use. They meet and surpass all relevant international safety standards by a fair margin. The LG Chem RESU batteries are also compatible with SolarEdge's StorEdge Energy Hub, and when combined, users can take advantage of fantastic backup capabilities.

# Solar Hot Water



Solargain hot water systems are designed by plumbers and technicians who are wealthy in experience in the Australian hot water industry. This has allowed us to expertly engineer our solar hot water solutions to address the unique concerns posed by the Australian climate.

Besides, what better way to make the most of your solar PV system than to combine it with a hot water solution? Our range of solar hot water heaters are highly efficient, and all options are available with gas or electric boosting.

Save money and the environment by switching to a Solargain solar hot water solution today!

# Solar Hot Water



# store



iStore Air to Energy technology drastically reduces your electricity costs, especially when combined with a solar PV system, helping you make the most of it. Utilising thermal energy, the iStore stores the excess solar energy generated by your solar panels and converts it into hot water for your home.

The iStore is one of the most efficient and affordable energy storage alternatives on the market. In fact, the iStore's dynamic, efficient system can reduce your water heating costs by up to 70%.

Heating water for the home accounts for up to 25% of the total energy usage for the average Australian household. iStore is a cost-effective, reliable thermal storage solution which reduces water heating consumption by 2/3 and CO<sub>2</sub> emissions by 4 tonnes. Installing an iStore could save you up to \$1,000 per year on your energy bills.





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