



Helping Australians Gain independence



OFF GRID - REMOTE POWER - AGRICULTURAL

AUSTRALIAN MADE



Australian design, manufacturing and support like no other! From manufacturing of the cabinets locally right through to engineering to the highest standards and construction of the frame we can proudly say it has been built local!

Even our battery storage solution is Australian manufactured and comes with industry leading warranty and performance.

LOCAL WARRANTY



Our systems come with a full 10 year warranty on all components. We also use the only battery in Australia that comes with a mobile use warranty!

BUILT TOUGH



54 Crescent Road
Gympie QLD 4570

1300 232 322

www.certifiedenergysolutions.com.au

SMALL HOMES



The SK5 is the baby of our range. For customers that do not have a load often exceeding 5000w of peak draw this may be the perfect system for you. The SK5000 benefits from having ample room for battery storage. Start with 1x 5.1KWH Aussie made MPS battery or build your capacity up to a whopping 30.6kwh of capacity within the cabinet.

SK5000

MEDIUM SIZE HOMES



For customers looking for a system with a bit more punch than the SK8000 may be the option for you.

With up to 8kw of continuous output this option will give most small homes reliable energy delivery without the need for the generator to be called on for load assist.

SK8000

LARGER ENERGY USERS



The powerhouse of our CES energy Solutions, The SK10000 can deliver up to a 10kw continuous peak output with a massive surge rating of 20kw. This system is the perfect choice for medium to larger homes and offers plenty of expandability as your energy needs change.

SK10000



BUILT FOR AUSTRALIA

Built to tackle tough conditions while offering all the bells and whistles of a modern instant off grid energy solution.



OFF SITE MONITORING

Know what your system is doing both on and off site with the latest in remote monitoring!



SUPPORT

Local Australian support via network of off grid technicians. Our after-sales support program is second to none.



AUTOMATION

Integrates with remote start generators for the ultimate in hands free running. Perfect for remote locations!



24 HOUR ENERGY

No grid? no worries! our solution will keep you powered with reliable renewable energy for years to come.



1300 232 322



www.certifiedenergysolutions.com.au



THINKING OFF GRID? LET US MAKE YOUR OFF GRID JOURNEY FUN AND STRESS FREE!

Our team of consultants will guide you through the process while explaining every step. We understand the need to do the job once and do it right to ensure your energy solution is reliable and up to the task!

Thorough Consultation

Obligation free assessments are offered to all of our customers to ensure your off-grid solution will live up to the task at hand. We consider your current energy needs along with future energy needs to make sure your investment will meet your requirements.

Our consultants will provide you with a detailed complimentary report and package proposal to make sure the solution we put together meets all of your needs.

Who is Certified Energy?

Certified Energy Solutions has a combined industry knowledge of over 50 years. Our directors are comprised of Craig Batten and Daniel Winkler whom both have over a decade under their belts within the industry along with direct involvement of working with Australian manufacturers in the renewable energy industry.

Experience ranging from large scale solar and storage projects right through to remote power stations we are sure to have the right solution for you.

Our team of consultants Paul and Goran have been providing off grid design and consultation services for over 10 years and are exceptionally skilled with their thorough approach.

Our Services



REMOTE MONITORING AND PERFORMANCE

Our systems are all connected via a central data base allowing us to monitor performance and system operational details. Think of it like your off grid systems guardian angel!

Having remote access allows us to ensure your system is running efficiently and should anything go wrong we can quickly diagnose the issue to get you up and running in no time!



GUARANTEED SUPPORT

When it comes to selecting your installer, an important factor is often overlooked in favor of Price. Should you end up needing emergency support for your system how confident are you with your selected installer?

We welcome our customers to CES as family and will always have your best interests at heart when you need us most!



1300 232 322



www.certifiedenergysolutions.com.au



ONLY THE BEST HARDWARE

WHEN QUALITY MATTERS

When it comes to reliable power the term "you get what you pay for" plays a big part in making sure your system remains reliable when you need it most. Our off-grid system's use only the best hardware for trouble free energy.

OFF GRID SYSTEM WARRANTY

- ✓ Victron 10 Year Extended warranty
- ✓ MPS battery 10 year warranty.
- ✓ 10 Year installation / workmanship warranty.

PANELS / GENERATOR WARRANTY

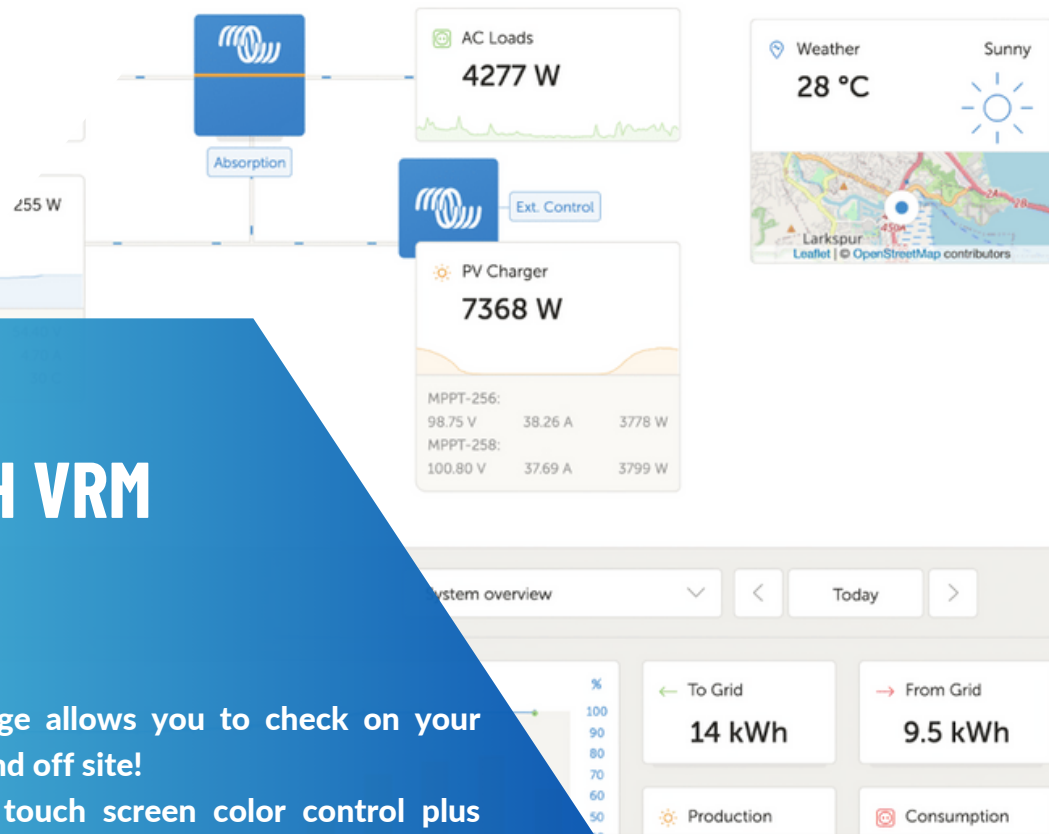
- ✓ KUBOTA Generator warranty- 2 Years or 2000 Hours.
- ✓ Phono BI facial panel warranty 25/30 Years



1300 232 322



www.certifiedenergysolutions.com.au



MONITORING MADE EASY WITH VRM PORTAL

Our detailed monitoring package allows you to check on your systems performance both on and off site!
All systems include a built in touch screen color control plus internet integration service for remote access.

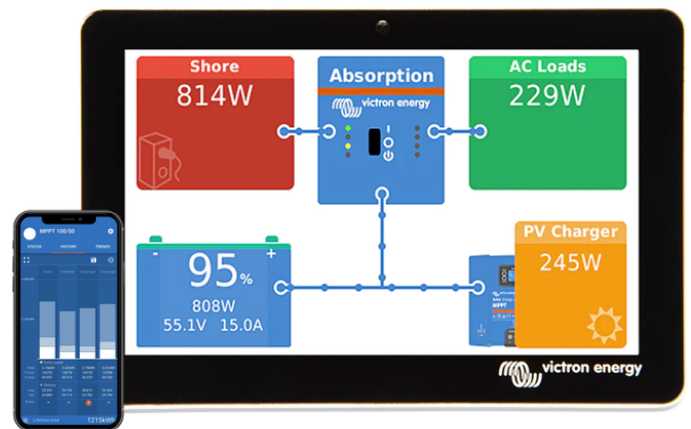
MONITORING LOCAL

Our systems include a Victron touch screen monitoring solution allowing you to check on real time vital information, Control generator integration and link to an online VRM command center.

The seven inch touch screen displays give an instant overview of your system and allow to adjust settings in the blink of an eye.

Understanding how your energy system is performing will ensure reliable operation with no surprises!

Victron also allows use of local Bluetooth connect features so you can stream live data direct to your mobile device!

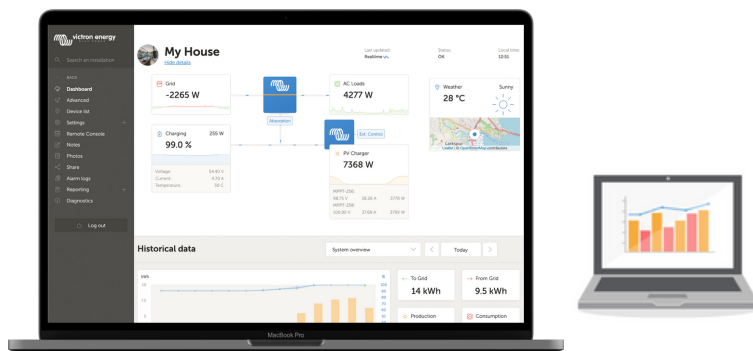


ONLINE VRM MONITORING

Easily check the shore power connection and battery temperatures, switch on the inverter, (auto)start/stop generators or even set quiet periods to avoid starting the generator in the middle of the night. With VRM you can change any setting, follow up on alarms, perform diagnostic checks and resolve challenges from wherever you are.

Monitor the battery state of charge, power consumption, power harvest from solar, generator and mains in real-time. Optimize the energy harvest and usage with history graphs and detailed analytical reports.

#REQUIRES INTERNET ACCESS ON SITE FOR REMOTE ACCESS!



This site is powered by
Victron Energy

RELIABLE HARD WORKING OFF GRID HARDWARE

Victron has been a major contributor to off grid components since 1975 and manufacturing is based out of the Netherlands. They know the importance of hardware that you can rely on. Their global footing means you will always have manufacturer support should you need it. In our vast experience Victron is by far one of the best products on the market.

THE HEART OF THE SYSTEM

Victron is a company that designs and manufactures power conversion equipment, including sinewave inverters, sinewave inverterchargers, battery chargers, DC-DC converters, transfer switches, battery monitors and more. The company was founded in 1975 by Reinout Vader and is based in Almere-Haven in The Netherlands. Victron has a strong reputation for innovation, reliability, and build quality, and is known for focusing more on the off-grid market.

We have elected to use Victron not only for its reliability and features, but also for its unparalleled Australian support. When recommending a product for our customers it is essential that we are also confident in the hardware.

AVAILABLE IN

- ✓ **5KW Output**
- ✓ **8KW Output**
- ✓ **10KW Output**



This site is powered by
Victron Energy



1300 232 322



www.certifiedenergysolutions.com.au

LATEST PANEL TECHNOLOGY

Australian design and innovation at its best. We have included the latest in solar panel technology with our deployable off grid systems. Offering a bi facial panel in our design allows us to generate power from both surfaces of the panel. This gives us a much higher daily yield than using conventional solar panels.

PHONO 415W BI FACIAL PANELS

Sumec Phono Solar is a global leading manufacturer of high-performance solar panels.

There's never been a better time to make the switch to a renewable energy solution. Here at the Sumec Group (a major division of Fortune Global 500 Sinomach Corporation) we have rebranded our renewable energy division, from Phono Solar to Sumec Phono Solar Australia.

We wanted to highlight Sumec as our parent company to illustrate a major difference between Sumec Phono Solar and our competitors which is 'Confidence of Longevity'. This has been built over 40+ years.

This is important because in 2013 there were more than 400 solar panel manufacturers approved for install in Australia. Today there are fewer than 100. Sumec Phono Solar knows that we have a duty to our customers for the entirety of our solar panel's multi-decade warranty.

Our financial strength means that we know we will be around to honour our warranties. This is our commitment to Australians and the Australian solar market.

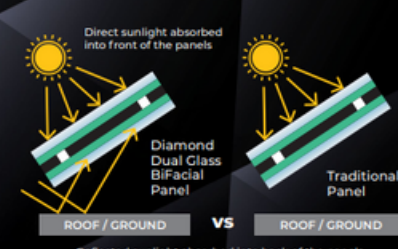
THE ENGINEERS' CHOICE

Working within Australia's harsh environment, Sumec Phono Solar manufacture a beautifully tough panel that's **simply different**.

BIFACIAL TECHNOLOGY

MORE POWER, PER PANEL

The Diamond Dual Glass solar panel can absorb power from both sides of the panel. In optimal install conditions, **up to 30% additional power yield can be gained** thanks to its Bifacial design.



Direct sunlight absorbed into front of the panels

Reflected sunlight absorbed into back of the panels

Diamond Dual Glass BiFacial Panel vs Traditional Panel

ROOF / GROUND vs ROOF / GROUND

ROBUST DESIGN FOR HARSH AUSTRALIAN CONDITIONS

The Diamond Dual Glass Series is thoroughly tested and built for the extremes. From the high humidity of North Queensland to the Coastal regions where over 80% of Australian's live.

- SALT MIST CERTIFICATION**
To the highest Severity Level
- CYCLONE TESTED**
Rated for Wind Regions like NT
- INCREASED HAIL TESTING**
For increased resilience

20% MORE WARRANTED POWER



The enhanced build quality of the Diamond Dual Glass Panel gives us the confidence to warrant its performance for three decades. **A longer lasting panel is the better choice for the environment.**

Industry Standard: 25 Year Performance Warranty vs **30 YEAR** Linear Performance Warranty

Longer Design Life

TIER 1 BLOOMBERG OWNED BY FORTUNE 500 AUSTRALIAN OFFICE AND REPRESENTATION

TIER 1 BLOOMBERG OWNED BY FORTUNE 500 AUSTRALIAN OFFICE AND REPRESENTATION

2022 TOP PERFORMING PANEL

30 30 YEAR PERFORMANCE WARRANTY



BUILT AUSSIE TOUGH MOBILE OFF GRID SOLUTION THAT IS READY FOR THE TASK!

Our mobile skid system has been engineered, manufactured and tested in Australia for the harshest of environments. Everything from our HD frame to Galvanizing and Stainless materials have been designed for longevity and strength.

MADE RIGHT HERE IN QLD!

Built tough for the harshest conditions. Our deployable off grid energy station is perfect for customer's looking for instant power!

Automated ram systems which are powered by the off grid system allows the solar system to retract during extreme weather events or during transportation.

When it comes to folding out the array to maximise generation it is as easy as flicking a switch!



1300 232 322



www.certifiedenergysolutions.com.au

PRISMATIC LFP LITHIUM BATTERY STORAGE

Micronix Power Systems (MPS) is an Australian manufacturer of high quality self-managed LFP batteries and battery cabinets for Australian conditions. Quality, reliability and ingenuity are hallmarks of everything they make for off-grid (SAPS) and grid connected (BESS) systems.



5.1KWH MPS LFP BATTERY

Micronix Power Systems of Sydney, Australia was established by Anthony Micallef in 2019. Anthony is an electrician with accreditation in grid connected solar systems, grid connected batteries and stand-alone power systems. As an installer of off-grid systems he has an insider's understanding of the market, products and industry regulations.

MPS began manufacturing simple and clever products to improve quality, exceed regulations and reduce installation times.

But, Anthony was interested in batteries since he was a kid and was inspired to build his first lithium prototype in 2009.

MPS wanted better quality and performance from a self-managed lithium battery, so they started building their own lithium batteries.

With constant improvement, their Australian made lithium battery evolved into the MPS 48-5.1. It is specifically designed to deliver superior performance and reliability in harsh Australian conditions. This LFP rack mount battery module utilizes the latest cell technology and is being installed in residential and commercial systems.

Aside from being an Australian made product the MPS battery is also one of the few options on the market that are covered under warranty for mobile applications! This made the MPS battery our go to choice for our mobile off grid system.



BATTERY CONFIGURATIONS

- 1X 5.1KWH [5.1KWH]
- 2X 5.1KWH [10.2KWH]
- 3X 5.1KWH [15.3KWH]
- 4X 5.1KWH [20.4KWH]
- 5X 5.1KWH [25.5KWH]
- 6X 5.1KWH [30.6KWH]



1300 232 322



www.certifiedenergysolutions.com.au

EMERGENCY

BACKUP SYSTEM READY FOR WHEN YOU NEED IT MOST!

An important component that is often overlooked with off grid solutions is a quality generator. While the sun is out and weather is fine your off grid system when sized correctly should be able to cover your daily energy needs without the need for a generator.

Throw some miserable weather at your solar panels and this is where your system may suffer. A back up generator is just that, if you need it the Kubota is ready and willing to assist.



QUALITY GENERATOR WITH AUSTRALIAN SUPPORT

The Kubota GL9000 generator is a two-pole, silent-type, direct-coupled, single-phase diesel generator. The Kubota GL9000 generator has a capacity of 8.8kVA at 3000RPM, supplying 33.3 amps at 240 volts. The Kubota GL9000 diesel generator is a great choice for off-grid and solar back-up (homes and businesses), mobile businesses like food vans and pop-up shops and hire or rental companies.

Our digital models also feature a remote 2-wire auto start for solar back-ups. The Kubota GL9000 diesel generator is powered by our Kubota D722 engines, renowned worldwide for their high performance and reliability. Running a range time of 8.5 hours at full load, the Kubota GL9000 diesel generator is the perfect solution to your back-up power.



Automated integration

The generator features an AutoStart integration that works seamlessly with our off grid solutions. Your system will know when to turn on the generator and when to turn it off.



Automated load assist

In the event that you exceed your inverter output rating the generator will automatically fire up to help handle excessive peak loads. Keeping reliable energy demands power has never been so easy!



1300 232 322



www.certifiedenergysolutions.com.au