

Excellence In

Stand-Alone Power Systems



Positive
Off-Grid Solutions



Residential Solutions For Everyone

At Positive Off-Grid Solutions we are heavily invested in providing quality products and outcomes for our customers. This enables them to achieve self-sufficiency through self-generated energy.

Whatever your energy requirements, we can help you stay “off-grid” with a range of premium all-in-one systems that store your excess generated solar power during the day—through the latest battery technology—for use when the sun is not shining.

We consume most of our power in the morning when we’re getting ready for work, and the end of the day when we get home. However, solar panels generate most of their energy

in the middle of the day. Our systems ensure you aren’t wasting valuable generated energy. Storing it in your home battery for later use—reducing your need for electricity in peak periods.

Keeping your lights on in a power outage is another advantage with our residential solutions. Energy security is increasingly sought after through renewable energy advancements—enabling consumer driven behaviours which were previously unattainable.

We only deal with the very best Australian companies to bring our customers optimal solutions. Contact us to find out how we can help you take control of your energy consumption.

Soluna Power Bank Battery

Soluna helps the environment, provides security, and delivers independent reliable power. Their brand stands for “power delivered day and night”. A curved cut and subtle gradient within the “O,” denotes the cycle of our sun and the moon.

Their products work 24 hours a day to bring low cost, reliable, well designed battery solutions. They work with top raw material providers to make sure their industrial and consumer batteries exceed industry standards.

They provide safe, premium quality solar battery energy storage systems (BESS), and rack mount modules covering (if required). They focus on sustainable practice—utilising nano technology in Australia and end of life battery recycling partnership.

Soluna Australia is committed to battery industry sustainability. As their premium energy-storage units contain lithium-ion batteries, they have partnered with Envirostream Australia to recycle those batteries at the end of their useful life.



“Soluna — Ensuring nothing goes to waste.”

BLACKOUT PROTECTION

Soluna Power Banks provide blackout protection for complete energy security and peace of mind 24/7.

A CLEAN ENVIRONMENT

Help the environment by collecting clean, affordable renewable energy for on-demand use 24/7.

ENERGY INDEPENDENCE

While most solar energy is produced at midday, peak usage usually occurs in the mornings and the evenings.

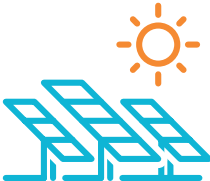
Adding a Soluna Power Bank Battery system allows you to capture excess solar power for use during peak times, maximising energy savings, improving self-sufficiency, and lowering electricity bills.



Pictured: Soluna Power Bank S12 — Inbuilt hybrid inverter.



How It Works



5. Solar panels soak up the sun's energy



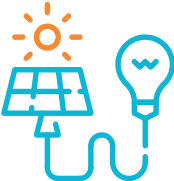
1. PowerBox makes electricity



2. Excess energy is stored inside batteries



4. Monitor your energy usage via your phone or PC



3. Your home is running day & night on solar

Redback Smart Energy For Every Home

No matter your energy needs, Redback has a Smart Hybrid System to suit your home or small business. We combine our smart hybrid inverter, battery cabinet and integrated wiring to create a sleek all-in-one system.

Our Smart Hybrid Systems manage your energy usage needs through our intuitive and advanced software, which continually updates and evolves, ensuring your system is kept up to date with the latest technology.

Our Redback approved installer network will work with you to design a system that meets your budget and household requirements.

Redback's Smart Battery system enables you to maximise your home's self-sufficiency by utilising more of your own, self-generated energy! With a Smart Battery System, you can store your excess generated solar power during the day in 7.2kWh batteries for use when the sun is not shining. You can even keep your lights on in a power outage with the Smart Battery system's back-up power feature.

Become more self-sufficient and self-reliant with a Redback Smart Battery system. It's your energy—why not make the most of it?



“Avoid bill shock, stay well informed & be self-reliant”

TAKE CONTROL

Solar with battery storage extends the benefits of renewable energy at times when the sun is not shining, providing huge economic and environmental advantages to you as the customer.

SMARTER ENERGY

The MYRedback app and Redback Portal monitors the amount of electricity your solar panels are producing, the amount being exported back to the grid and your household

energy consumption. Know exactly how your system is performing in real time and compare your results with the week prior.

THEY’VE GOT YOUR BACK

The Redback Smart Hybrid System has a backup circuit built-in, which will automatically kick in when a blackout occurs.* So, you can have peace of mind in a power outage.

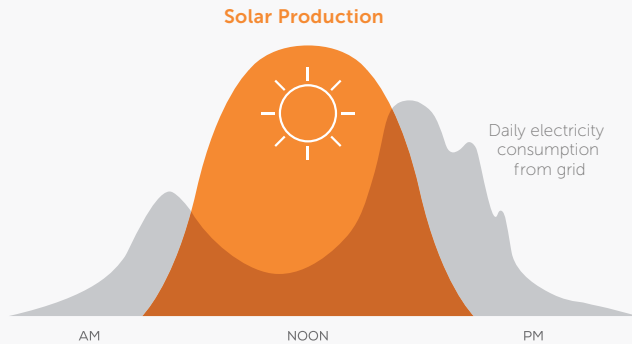
*When DC-coupled, backup circuit is connected and solar or battery energy is available. Appliances selected at time of install.



Pictured: Redback’s latest addition
—New Smart Battery System.

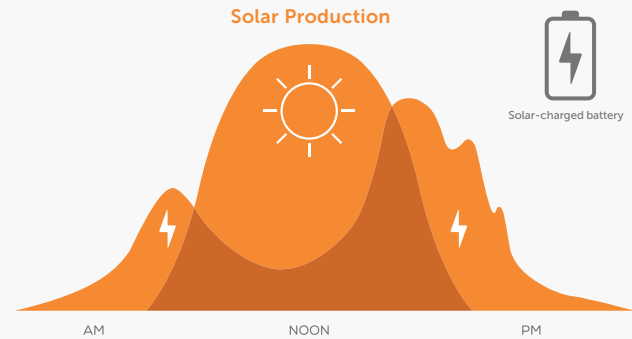
SYNC WITH THE SUN

Batteries are an energy storage technology, designed to absorb and release energy on demand. Most homes use electricity morning and evenings. Soluna Power Banks minimise waste and pollution by leveraging the power of the sun 24 hours a day.



SOLAR PRODUCTION SUPPLIES POWER DURING THE DAY,
WITH ANY EXCESS FED BACK INTO THE ELECTRICITY GRID.

Solar only



SOLAR PRODUCTION SUPPLIES POWER DURING THE DAY,
WITH EXCESS STORED IN THE BATTERY FOR USE AT ANY TIME.

Solar + battery storage



ENVIRONMENT

Power designed for clean and affordable energy. Becoming eco-friendly can start at home.



SECURITY

Safe secure energy for your home is one more thing you don't need to worry about.



INDEPENDENCE

Gain freedom from the standards of electricity, powering your home with solar and battery energy.

Sonnen Intelligent Energy Storage

With over 10 years of research and development behind the Sonnen Battery this high-tech storage system has proven its value in thousands of household — every day. The combination of a PV system and a Sonnen Battery will allow you to cover about 80% of your yearly energy requirement with self-produced and clean energy.

Gain your energy independence and power your home with clean energy. Find the ideal product for your energy with Sonnen and become a part of the energy future. With a Sonnen Battery, a home battery energy storage solution for your home, you become your own energy supplier and gain independence of rising electricity prices.

Store power with a smart and safe home energy storage solution in the day through until the evening and even during grid outages.

Sonnen Australian Made solutions come with a market-leading warranty, local technical support and customer service and seamless integration with your solar system for clean and healthy living.

Have peace of mind with Sonnen in your home. Put safety and sustainability first with cobalt-free, recyclable battery technology.



“Never worry about the lights going out.”

ENERGY INDEPENDENCE

Store power with a smart and safe home energy storage solution in the day through until the evening — and even during grid outages.

PEACE OF MIND

Sonnen only use lithium-iron-phosphate cells in their products for stability, durability, performance, and environmental friendliness.

LOW MAINTENANCE, CLEAN, RELIABLE

Join a community of over 60,000 homeowners around the world who power their homes with Sonnen and renewable energy.

Sonnen offers you the highest-quality and most innovative products and services to create a sustainable energy future for us all.



Pictured: Sonnen LFP Battery and Inverter System.

Huge Benefits To Buying Australian



As part of our passion to live “off-grid” — assisting others on their path to energy accumulation, storage and ultimately freedom — we believe in providing and supporting solar home battery solutions made for Australians by Australians.

The companies we have chosen to partner with are not only Australian producers but also pass our strict criteria of premium quality, combined with ethical and environmental responsibility.

We are for a renewable, green future and our partners not only understand this but make it forefront as part of their own vision when promoting their market leading products.


Soluna: 50% owned by Australians. Head Office in Perth.

Redback: Owned by Australians. Designed in Australia.

Sonnen: Designed in Australia. Built in South Australia.

KEY BENEFITS INCLUDE:

- On-Going Local Support
- Backing Local Industries
- Creating Local Jobs
- Advance Australian Technology in Renewables
- Support Your Local Economy



**“We believe in a world
powered by sustainable
renewable energy.**

**And we’re committed to
developing real solutions
to achieve it.”**

SINGLE PHASE SYSTEM:

BRAND	PRODUCT	WARRANTY (years)	POWER INVERTER (kva or kw)	PHASE	BATTERY SIZES AVAILABLE kWh	MAX DOD	LIFE CYCLE	GRID CONNECT	HYBRID	BACKUP MODE/ UPS	OFF- GRID MODE	GENERATOR CONNECTION	IP RATING
SOLUNA	PowerBank S4	10	3.60	1	3.84	90%	6,000	Yes	Yes	Yes	Yes	Yes	IP20
	PowerBank S8	10	5.00	1	7.60	90%	6,000	Yes	Yes	Yes	Yes	Yes	IP20
	PowerBank S12	10	5.00	1	11.50	90%	6,000	Yes	Yes	Yes	Yes	Yes	IP20
REDBACK	SH5000	5*	4.60	1	4.80	90%	6,000	Yes	Yes	Yes	No	No	IP54
	SH5000	5*	4.60	1	7.20	90%	6,000	Yes	Yes	Yes	No	No	IP54
	SH5000	5*	4.60	1	9.60	90%	6,000	Yes	Yes	Yes	No	No	IP54
	SH5000	5*	4.60	1	14.00	90%	6,000	Yes	Yes	Yes	No	No	IP54
	SH5000	5*	4.60	1	21.00	90%	6,000	Yes	Yes	Yes	No	No	IP54
	SH5000	5*	4.60	1	28.00	90%	6,000	Yes	Yes	Yes	No	No	IP54
SONNEN	Hybrid 9.53/2.5	10 [†]	4.60	1	2.50	90%	10,000	Yes	Yes	Opt	No	No	IP30
	Hybrid 9.53/5	10 [†]	4.60	1	5.00	90%	10,000	Yes	Yes	Opt	No	No	IP30
	Hybrid 9.53/7.5	10 [†]	4.60	1	7.50	90%	10,000	Yes	Yes	Opt	No	No	IP30
	Hybrid 9.53/10	10 [†]	4.60	1	10.00	90%	10,000	Yes	Yes	Opt	No	No	IP30
	Hybrid 9.53/12.5	10 [†]	4.60	1	12.50	90%	10,000	Yes	Yes	Opt	No	No	IP30
	Hybrid 9.53/15	10 [†]	4.60	1	15.00	90%	10,000	Yes	Yes	Opt	No	No	IP30

*Redback warranty extension available to 10 years at extra cost. †Outdoor Cabinet available to increase the Sonnen IP rating to IP55.

THREE PHASE SYSTEM:

BRAND	PRODUCT	WARRANTY (years)	POWER INVERTER (kva or kw)	PHASE	BATTERY SIZES AVAILABLE kWh	MAX DOD	LIFE CYCLE	GRID CONNECT	HYBRID	BACKUP MODE/ UPS	OFF-GRID MODE	GENERATOR CONNECTION	IP RATING
SOLUNA	Soluna 15K HV	10 (batt) 5 (inv)*	10	3	15	80%	3,600	Yes	Yes	Yes*	No	No	IP20
	Soluna 15k HV	10 (batt) 5 (inv)*	10	3	30	80%	3,600	Yes	Yes	Yes*	No	No	IP20
	Soluna 15k HV	10 (batt) 5 (inv)*	10	3	45	80%	3,600	Yes	Yes	Yes*	No	No	IP20
REDBACK	ST 10000	5 [†]	10	3	9.6	90%	6,000	Yes	Yes	Yes	No	No	IP54
	ST 10000	5 [†]	10	3	14.2	90%	6,000	Yes	Yes	Yes	No	No	IP54
	ST 10000	5 [†]	10	3	19.2	90%	6,000	Yes	Yes	Yes	No	No	IP54
	ST 10000	5 [†]	10	3	28.4	90%	6,000	Yes	Yes	Yes	No	No	IP54
SONNEN	Hybrid 8.03/2.5	10 [‡]	10	3	2.5	100%	10,000	Yes	Yes	Opt	No	No	IP30*
	Hybrid 8.03/5	10 [‡]	10	3	5	100%	10,000	Yes	Yes	Opt	No	No	IP30*
	Hybrid 8.03/7.5	10 [‡]	10	3	7.5	100%	10,000	Yes	Yes	Opt	No	No	IP30*
	Hybrid 8.03/10	10 [‡]	10	3	10	100%	10,000	Yes	Yes	Opt	No	No	IP30*
	Hybrid 8.03/12.5	10 [‡]	10	3	12.5	100%	10,000	Yes	Yes	Opt	No	No	IP30*
	Hybrid 8.03/15	10 [‡]	10	3	15	100%	10,000	Yes	Yes	Opt	No	No	IP30*

*Soluna inverter warranty ext. available to 10 years at extra cost. †Redback warranty ext. available to 10 years at extra cost. ‡Outdoor Cabinet available to increase the Sonnen IP rating to IP55. *Soluna 3 phase in backup mode will only use batteries during a grid failure

Ask About Finance For Your Purchase

Our "green loan" affiliate exclusively finances energy improvements – helping you achieve a sustainable and comfortable home without having to wait.

Unlock the potential to achieve your ideal "off-grid" home with the power of choice. This service offers a highly competitive package for your home energy requirements – allowing you to start saving on energy costs immediately!

A FIXED INTEREST RATE

No "bill shock" through unexpected repayment increases. Have peace of mind knowing your allocated costings won't exceed your budget.

PURCHASES FROM \$1K – \$30K

Our fixed interest rate is the same – regardless of the amount you wish to invest. Simple and transparent.

REPAY OVER 2–7 YEARS

You choose the loan term and repayment amount that works for you. Time-frame flexibility that gives you control.

ADDITIONAL REPAYMENTS

We understand the benefits of making additional repayments. You can pay your loan off quicker at NO additional cost.



Excellence in Stand-Alone Power Systems

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