



COMPANY BROCHURE



Power shouldn't stop where the grid does.

PHNXX designs modular solar-battery microgrids for agricultural, remote, and industrial operations.

Deploy in hours. No civil works. No permanent infrastructure.

Affordable, reliable, sustainable energy for rural and industrial communities — everywhere.



Table of Contents

ABOUT PHNXX	1
THE PHNXX SYSTEM	3
INDUSTRIES & APPLICATIONS	7
PRODUCT RANGE	9
PARTNER SOLUTIONS	11
FINANCING OPTIONS	13
PARTNERS & DISTRIBUTORS	15

About PHNXX

PHNXX (pronounced 'phoenix') is an Australian company helping rural and remote industrial operations decarbonise. We focus on one thing: getting clean, reliable energy to the places that need it most — without the cost or complexity of traditional infrastructure.

Founded by a team of engineers and project managers, PHNXX designs and manufactures modular stand-alone power systems that replace diesel dependency and reduce the barriers to renewable energy adoption.

Headquartered in Melbourne.
Operating across Oceania, North America, and Asia.



100 Mt

Carbon to abate
within the decade



Modular by Design

Scalable, relocatable
energy systems



Rapid Deployment

Deploy in hours,
not months

The PHNXX System

Modular by design.

Configure it with solar only, battery only, or any combination — matched to load, site, and budget. Like a Lego set, each unit connects and scales to build exactly the power solution you need.

Unlike fixed installations, PHNXX systems require no civil works, no grid connection, and no permanent infrastructure. Deploy in hours, relocate when the job moves, expand when demand grows.

- ✓ Solar only, battery only, or fully integrated
- ✓ On-grid or off-grid capable
- ✓ Rapid deployment — no civil works required
- ✓ Rated to 205 km/h winds
- ✓ Australian designed, built for real conditions



Scale When You Need To

Our modular architecture gives you the flexibility to right-size your power – today and tomorrow.

01 | SCALABLE POWER DEMAND

Add assets over time as needs increase or decrease. Lower initial CAPEX, with room to grow organically.



02 | SEASONAL POWER DEMAND

A base system handles everyday load. Additional modules deploy temporarily to cover seasonal peaks — without permanently oversizing the system.



Industries & Applications

Reliable power solutions for remote, industrial, and off-grid applications.

01

Agriculture

Solar-powered operations that reduce diesel dependency on farms, dairies, and irrigation systems.

02

Construction & Mining

High-load power for sites that move. Deploy in hours, relocate when the job does.

03

Military & Disaster Relief

Rapid-response power for remote operations and emergency infrastructure.

04

Eco-Tourism

Clean, silent power for resorts and lodges in protected or remote environments.

05

Events

Temporary power for festivals, activations, and remote events — without permanent infrastructure.

06

Remote Communities

Scalable microgrids that cut energy costs and diesel reliance for off-grid communities.

Built for Every Scale

Every PHNXX system shares the same core architecture: modular, mobile, and built for real conditions. Choose the configuration that fits your site — then scale from there.



Scalable

Expand capacity as operational demand grows.



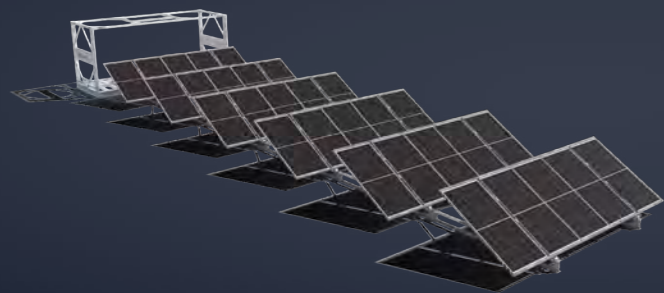
Configurable

Configure systems to suit different site requirements.



Integrated

Solar, storage, and backup coordinated as one system.



Solar Power Module

Self-contained solar generation in a standard 20ft footprint.

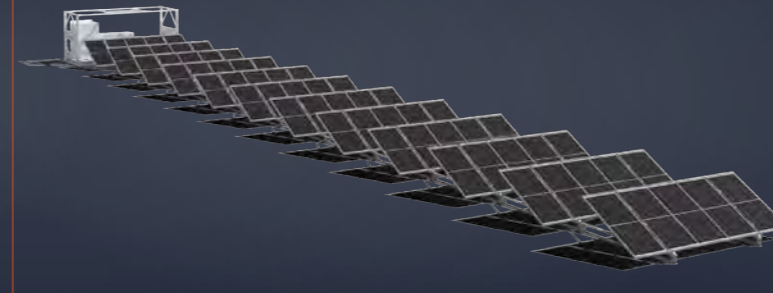
- ✓ Solar rating: 35 – 88 kWp
- ✓ Deployment: 3–9 hours
- ✓ On-grid or off-grid capable



BESS Module

Battery storage, standalone or integrated with solar.

- ✓ Capacity: 100 kWh – 2.25 MWh
- ✓ LiFePO4 chemistry, 8,000+ cycles
- ✓ Remote monitoring via cloud & SCADA



Integrated Power Module

Solar generation, battery storage, and optional genset — one system.

- ✓ Solar: 35 – 105 kWp
- ✓ Battery: 100 – 241 kWh
- ✓ Up to 631 kWh/day generation capability



Solar Power Trailer

Portable, towable, ready in 15 minutes.

- ✓ Solar: 1.64 – 4.36 kWp
- ✓ Battery: 5–15 kWh
- ✓ Optional light tower, CCTV, comms tower

Partner Solutions

PHNXX partners with leading technology providers to deliver complementary energy solutions across a wider range of applications.



Scalable EV charging.
Built for fleets and commercial sites.

Paired Power offers modular microgrids, fleet charging, and solar EV systems designed to accelerate clean-energy adoption.



PairTree

Rapidly deployable off-grid EV charging with integrated solar canopy and storage.

PairFleet

Modular charging infrastructure designed for commercial and fleet operations.



Solar Capacity

4.6 kW



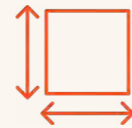
Rated Output Power

Up to 8 kW



Battery Capacity

Up to 42.4 kW



Dimensions

3.2 m x 5.2 m x 4.3 m



Built for the rugged.
Engineered for the long haul.

NUE provides portable power systems designed for field operations, remote work, and temporary sites where conventional infrastructure is limited.



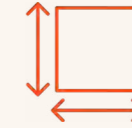
Rated Output Power

600 - 3600 W



Battery Capacity

550 - 5120 Wh



Dimensions

38 cm - 71 cm x 28 cm -
46 cm x 20 cm - 28 cm

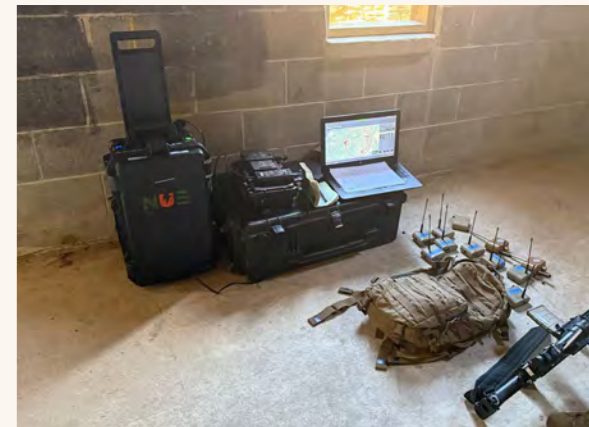


Weights

8 - 60 kg

SunCase™

The SunCase is a rugged, portable power case designed for professional field use. Built in a mil-spec hard case, it provides reliable power in environments where consumer power banks and generators are not suitable.



Financing Options

Flexible financing solutions designed to reduce upfront barriers to clean energy deployment.

PHNXX works with trusted financial partners to provide flexible financing and rental models tailored to operational and project requirements.

Asset Financing

Renewable energy assets are financed at a fixed rate over time through a chattel mortgage or lease-to-own option. Clients can choose to own the systems outright or opt for an upgrade once the financing term concludes.

- ✓ Fixed repayment structures
- ✓ Long-term asset financing
- ✓ Flexible financing terms

Rental / Leasing

Short-term and medium-term solutions that provide access to renewable energy systems through monthly or annual payments, without the long-term commitment of ownership.

- ✓ Recurring monthly or annual payments
- ✓ Flexible short or medium-term access
- ✓ No long-term ownership commitment



Lower Upfront Investment

Preserve working capital and improve cash flow.



Operational Flexibility

Choose the right model for your operational and financial goals



Scalable Deployment

Scale your energy infrastructure as your needs grow.



Trusted Financial Partners

Backed by experienced partners with proven industry expertise.





Partners & Distributors

PHNXX works with a global network of trusted technology, manufacturing and distribution partners to deliver reliable power solutions across a wide range of industries and regions.

OCEANIA

AUSTRALIA



NORTH AMERICA

UNITED STATES



FlexPower



ASIA

CHINA | MALAYSIA | SINGAPORE



融新科技
TianJin RongXin
Technology



AFRICA

NIGERIA

Glovon & Clovon Engineering Consulting, LLC

Ready to get started?

Getting clean, reliable power to your operation is simpler than you think.

01 Tell us about your operation

Share your site, energy needs, and goals.

02 We design your solution

Our team builds a system around your specific requirements, from capacity to deployment conditions.

03 We install and commission

PHNXX handles the full setup so your operation is up and running with minimal disruption.



Clean Power
Anywhere, Anytime



Ready to see what PHNXX can do for your operation? Get in touch and let's build the right solution together.



Contact Us

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