MODULUS SERIES
Standalone Power Systems

Renewable Power Infrastructure for Remote Australia

Reliable, scalable and renewable-led standalone power systems engineered for Australian conditions.



Developed by CDI Energy in partnership with GTE Group.

Delivering Reliable Energy Independence

As industries transition toward cleaner and more resilient energy infrastructure, the demand for reliable standalone power systems continues to grow.

The Modulus Series Standalone Power Systems (SAPS) provide an innovative renewable energy solution for remote operations, critical infrastructure and off-grid facilities where dependable power is essential.

Developed in partnership with GTE Group, the Modulus Series integrates solar generation, battery energy storage and backup generation into a fully autonomous energy platform designed specifically for Australian conditions.

The result is a flexible, scalable and low-maintenance power solution capable of supporting a broad range of industrial, utility and commercial applications.



Renewable-Led Power Designed for Performance

The Modulus Series has been engineered to support the transition toward cleaner, more efficient and more resilient energy infrastructure.

Designed using proven utility-grade technology and modular architecture, the system delivers reliable standalone power while reducing operational costs, emissions and dependence on traditional network infrastructure.

Key Benefits

Reliable Standalone Operation
Continuous power supply supported by intelligent battery management and backup generation capability.

Scalable System Design
Flexible modular architecture allows systems to adapt as energy demands change.

Renewable Energy Integration
Combines solar generation and battery energy storage to maximise renewable energy utilisation.

Rapid Deployment
Pre-assembled systems simplify installation and reduce onsite construction requirements.

Remote Monitoring Capability
Real-time system monitoring and operational visibility for improved maintenance and performance management.

Reduced Environmental Impact
Supports decarbonisation goals by reducing reliance on diesel generation and traditional poles and wires infrastructure.

Built for Australian Conditions
Engineered to perform reliably in remote and harsh environmental conditions.

Smarter Infrastructure for a Changing Energy Landscape

Standalone Power Systems are playing an increasingly important role in Australia's energy transition.

By removing the need for extensive poles and wires infrastructure, SAPS provide a more resilient and sustainable alternative for remote power delivery.

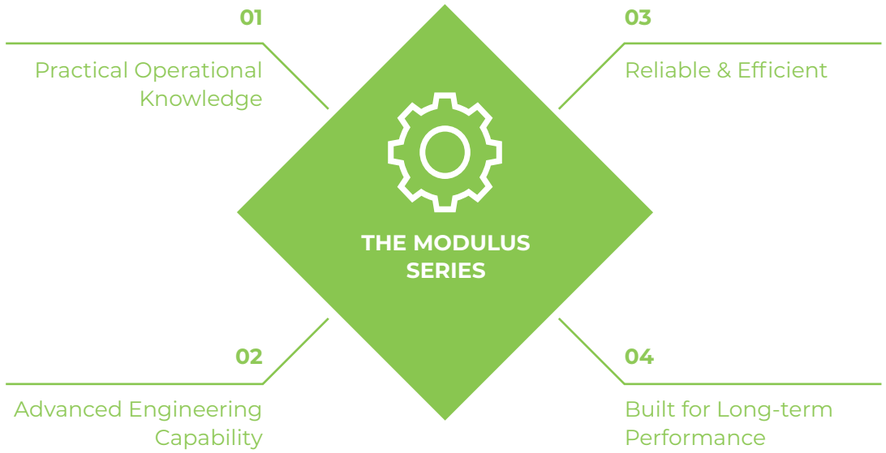
The Modulus Series has been designed to help organisations improve energy reliability, reduce operational costs and support long-term sustainability objectives while maintaining the performance required for critical operations.

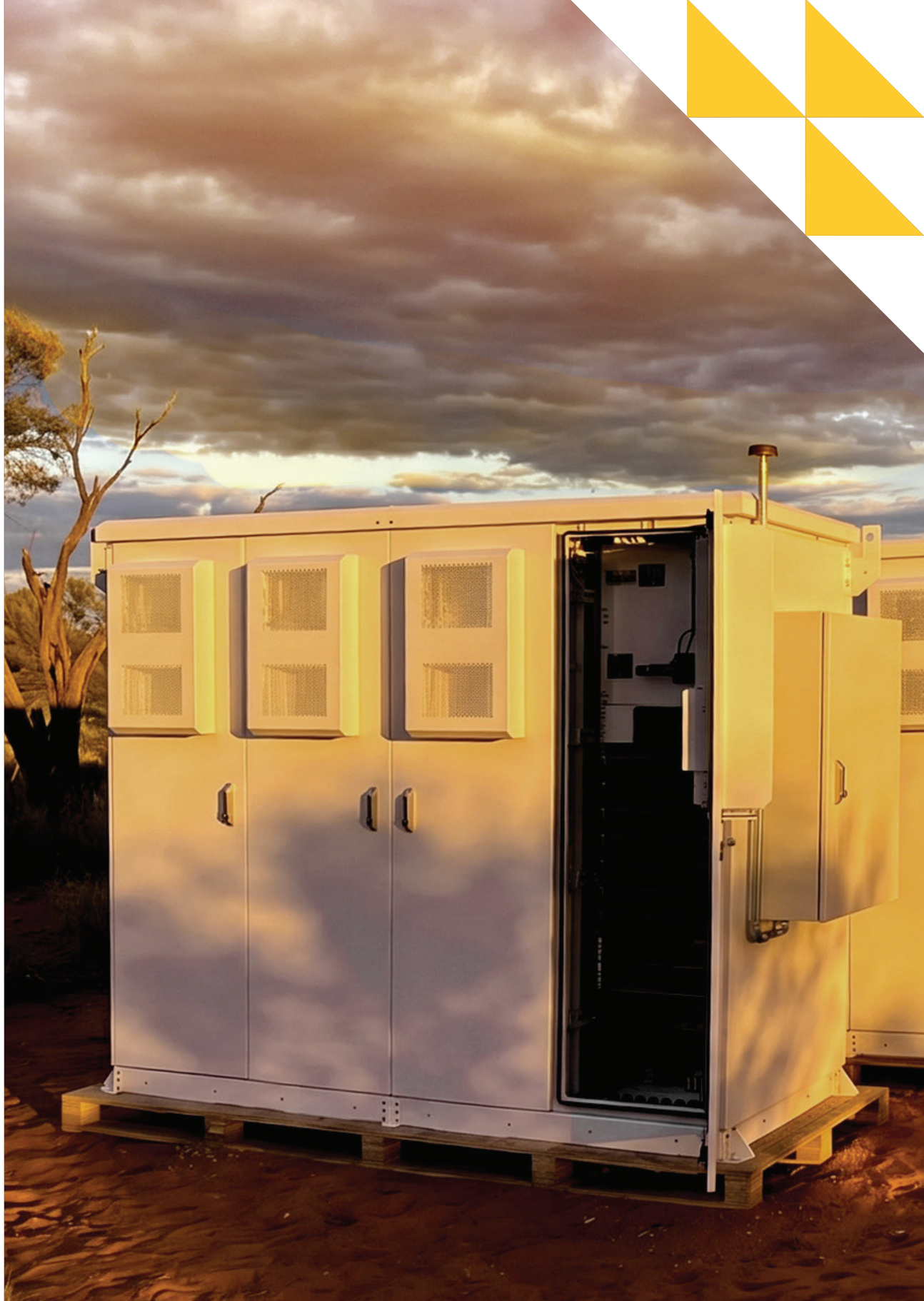
Delivered with Practical Experience

CDI Energy brings extensive experience in renewable energy systems, manufacturing, deployment and field support.

The Modulus Series combines practical operational knowledge with advanced engineering capability to ensure every installation is reliable, efficient and built for long-term performance.

From initial deployment through to ongoing monitoring and support, CDI Energy works closely with clients to ensure each system is tailored to site-specific operational requirements.





Flexible Solutions for Remote Power Requirements

The Modulus Series is ideal for:

- Remote communities
- Utilities and network edge applications
- Mining and industrial operations
- Telecommunications infrastructure
- Agriculture and water pumping
- Construction and temporary facilities
- Emergency and disaster recovery infrastructure
- Remote accommodation and workshops

Reliable Renewable Power. Anywhere.

The Modulus Series delivers dependable standalone energy infrastructure designed for the realities of remote Australia.

Combining renewable energy integration, intelligent control systems and scalable modular design, the Modulus Series provides a smarter path toward resilient and sustainable remote power generation.

CONTACT US

W www.cdienergy.com.au

P 08 9470 1900

E info@cdienergy.com.au

in cdi-energy

