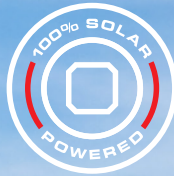


PRODUCT CATALOGUE

2024



**OFF-GRID POWER SOLUTIONS
AND MOBILE WORK FACILITIES
FOR REMOTE OPERATIONS**

redrockserviceswa.com.au

THE ORIGINAL AND STILL THE BEST



AUSTRALIAN MADE, SUSTAINABLE INNOVATION

We're an Aboriginal led business on a mission to deliver alternative and clean site power sources and workspaces in remote places.

Our renewable powered product range is inspired by the often-harsh conditions experienced in remote areas of northern Western Australia and is deployed by some of the world's leading resource and energy companies.

By engineering rapidly deployable, minimal footprint and zero emission solutions for traditionally heavy industries, we back efforts to reach net zero targets and ultimately minimise impact on Country.

Our solar transportable range is ISO Certified to AS/NS standards 9001 Quality 45001 - Health and Safety 14001 - Environmental.

AWARD WINNING SOLUTIONS

Proudly designed and manufactured from our Karratha workshop in Western Australia, our first of its kind design, won us the Karratha Districts Chamber of Commerce and Industry 2022 Business Innovation Award.

We are now marketing our product range in Thailand, India and Africa.

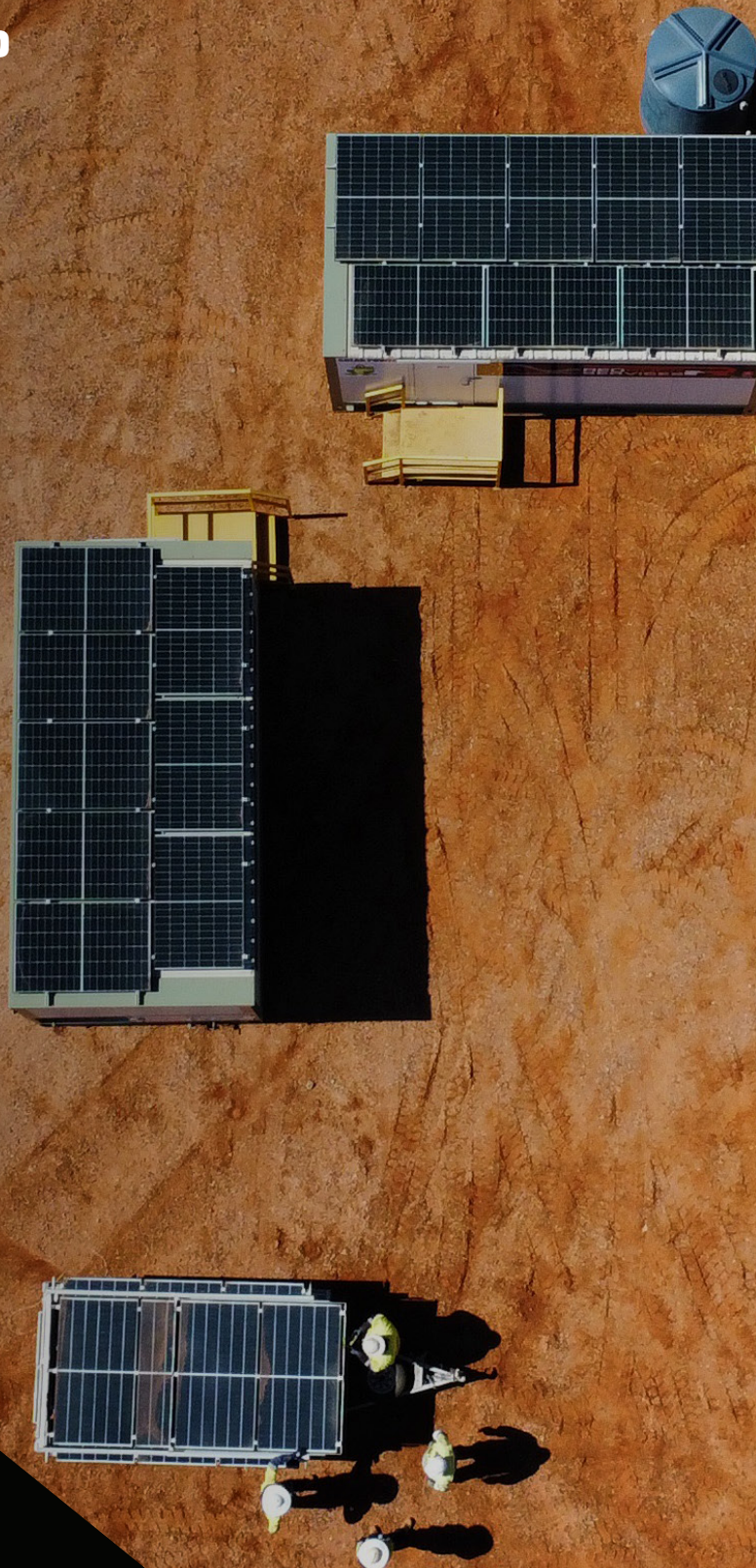
NET ZERO PRODUCT RANGE

LEAVE THE GRID BEHIND WITH OUR COOL CRIBS AND SITE AMENITIES

Available in a range of standard and customisable configurations, our Australian manufactured, off-grid mobile work spaces and ablution blocks support industry's climate targets to reach net zero.

REPLACE DIESEL GENERATORS WITH OUR HARVESTERS AND BI-SOURCE ENERGY CUBES

Our renewable generators and cubes harness wind and solar energy to electrify historically diesel-reliant operations and spaces. Comparable in output but with a low carbon footprint, our rental ready fleet drastically reduces the cost of powering remote operations.



100% SOLAR POWERED **MOBILE WORK** FACILITIES

A COOL REFUGE

Our Australian manufactured solar powered portable spaces come in a range of configurations to transform your work site into an environmentally friendly haven.

VERSATILE END-USE OPTIONS

Our Crib product is a blank canvas that you can furnish to suit your needs. It is self-contained and multi-purpose. Available in custom configurations to meet your site needs, including but not limited to, site offices, meeting/conference rooms, training rooms and ablution blocks.

CLEAN POWERED DAY AND NIGHT

The 48V battery with 24KW hours storage offers an uninterrupted stream of energy allowing for redundancy at night and during days with limited sunlight. During low power source periods, including cloud cover or limited wind conditions, the battery storage system has enough capacity to operate for up to three days.

CYCLONE RATED

Self ballasting, our facilities are certified to Region D Cat 2 and equipped to handle severe cyclonic winds of up to 288 km/h.



THE ORIGINAL AND STILL THE BEST

3.52KW SOLAR POWERED COOL CRIB ROOM



Solar powered crib rooms are the ideal solution for remote working in extreme conditions. These self-contained, air-conditioned, multi-purpose units can be custom configured and leverage battery storage to remain operational without sunshine.

SPECIFICATIONS

External: 6.0m x 3.0m
External with Stairs: 7.0m x 3.0m
Internal: 5.5m x 2.85m

CYCLONE RATING

Region D Cat 2

FINISHES

Walls: Insulated Fridge Panel
Colour: Surfmist
Flooring: Vinyl

PERFORMANCE

Solar: 3.52KW
Battery Storage: 48V with
24KW Hours Storage
Inverter: 3kva

STANDARD INCLUSIONS

- 1 x Window
- 1 x Door
- Stairs
- 10 Amp Outlets
- Air Conditioning
- Sensors on all Lights
- Remote Solar Panel Monitoring System

OPTIONAL EXTRAS

- Furnishings
- Customised Configuration

THE FASTEST MOBILE BUILDING INSTALLER IN THE PILBARA

TRANSPORTABLE ABLUTIONS FOR EVERY WORKSITE

Our solar-powered abluion blocks are an innovative response to the need for safe and clean male and female bathrooms in remote locations. Offering private and secure facilities, these blocks come in a standard configuration of two-cubicle female and three-cubicle male amenities with separate access.

UNIQUELY CONFIGURED TO SITE REQUIREMENTS

Air conditioned with flushing toilets, hand basins and sensor operated exhaust fans, these abluion blocks are 100% solar powered and can be uniquely configured to site requirements.

RAPIDLY DEPLOYED

Each unit is meticulously fabricated, and skid mounted with fork pockets for rapid deployment to site. Our install crew will have your abluions up and running in under an hour and ready for use.

WATER REPLENISHMENT AND WASTE REMOVAL SERVICES

Water replenishment and waste removal services can be scheduled to keep your solar powered toilet blocks in good working order.



3.52KW SOLAR POWERED ABLUTION BLOCK



Accessing creature comforts in remote and non-serviced locations is made easy with our off-grid amenity blocks. These transportable facilities provide a private, secure and cool space when you need it most. With customisable configurations our ablation blocks can be fitted with toilets, urinals, wash basins, benches, showers, fans and mirrors. Rental ready, these cool ablutions are perfect for any site requirement and major events.

SPECIFICATIONS

External Dimensions:
7.0m x 6.0m
Internal Dimensions:
3.0m x 6.0m

CYCLONE RATING

Region D Cat 2

FINISHES

Walls: Insulated Fridge Panel
Colour: Surfmist
Flooring: Vinyl

PERFORMANCE

Solar: 3.52KW
Battery Storage: 48V
with 24KW Hours Storage
Inverter: 3kva

STANDARD INCLUSIONS

- 10 Amp Outlets
- Air Conditioning
- Wash Basins
- 4,300L Waste Tank
- 3,500L Potable Water Tank for Flushing and Hand-Washing
- Remote Solar Panel Monitoring System

CONFIGURATIONS

- 2 Cubicle Female Block
- 3 Cubicle Male Block
- Accessible Facilities

ELECTRIFY PROJECTS WITH A **GREEN GENERATOR**

Rapidly deployable and ready to rent, our range of green generators harness wind and solar energy to support your corporate climate strategy.

HARNESS NATURAL POWER FOR A LOW CAPEX SUPPLY

Our solar and bi-source renewable models deliver an off-grid, portable and low capex power-supply that can be integrated into existing operations.

NATURAL POWER SCALED

Our green generator solutions can be 'scaled up' by linking multiple trailers or hybrid cubes together, offering cost savings with zero emissions.

SURE UP YOUR REPUTATION WITH A MINIMAL CLIMATE FOOTPRINT

Expertly designed and fabricated to support the climate goals of heavy industry, Red Rock Services are leading the charge on clean energy site power solutions.



ZERO EMISSION MOBILE **SOLAR HARVESTERS**



Our completely off-grid, zero-emission mobile solar harvesters are ready for lease and deployment to site. Powered by renewable energy, these green generators offer real savings and are guaranteed to bring your business a step closer to meeting climate targets.

HOG-1

SPECIFICATIONS

Dimensions: 2.6m x 6.4m

PERFORMANCE

Solar: 3.1KW

Battery Storage:
48V with 24KWH Storage

Inverter: 8kva

INCLUSIONS

- 3 x 15 Amp Outlets
- 1 x 32 Amp Outlet
- Remote Solar Panel Monitoring System

HOG-2

SPECIFICATIONS

Dimensions: 5.6m x 4.2m

PERFORMANCE

Solar: 3.51KW

Battery Storage:
48V with 48KWH Storage

Inverter: 8kva

INCLUSIONS

- 3 x 15 Amp Outlets
- Remote Solar Panel Monitoring System

HOG-3

SPECIFICATIONS

Dimensions: 6.0m x 6.0m

PERFORMANCE

Solar: 4.29KW

Battery Storage:
48V with 48KWH Storage

Inverter: 15kva

INCLUSIONS

- 3 x 15 Amp Outlets
- Remote Solar Panel Monitoring System

POWER USE SURVEYS FOR EXISTING DIESEL GENERATOR FLEETS

We can conduct a baseline survey on your existing diesel generator fleet that considers current start up power requirements, demand cycles, power output, and fuel usage.

Data from the pilot study will demonstrate comparative CO₂ emissions, capital outlay, maintenance activity and continuity of supply should this fleet be replaced with our bi-source (solar/wind) generators.



11.5KW BISOOURCE WIND + SOLAR CUBE



This powerful renewable energy cube is transforming site operations and project capabilities. As an example, it has the capacity to power a standard 12.0 x 3.0m portable building and ablution block with sufficient battery capacity to run day and night. Innovative and desirable features including UV sterilised water, an ice machine and water fountains equates to better working conditions on site.

SPECIFICATIONS

Dimensions: 6.0m x 6.0m

OPTIONAL ADD ONS

- Potable Water Tank
- Water Fountains
- Ice Machine
- UV Water Steriliser
- Portable Water Tank

PERFORMANCE

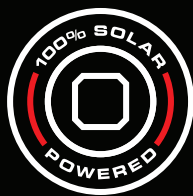
Solar: 9.5KW
Wind: 2KW

INCLUSIONS

- 3 x 15 Amp Outlets
- Remote Solar Panel Monitoring System

BENEFITS

- Zero Downtime
- Require no Manpower or Fuel
- Remote Monitoring



FOR RAPID DEPLOYMENT CONTACT

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