



# RV, CARAVAN AND CAMPER.

REDARC GROUP CAPABILITY.



REDARC Group applies technology to empower commercial and recreational pursuits.

Our innovative hardware solutions enable our customers to connect, monitor, control, intervene, monetize, share and collaborate.

With REDARC, your existing mobile assets can deliver greater performance, safety, convenience and functionality.

**REMOVE YOUR LIMITATIONS. EXPAND YOUR POSSIBILITIES. THAT'S THE POWER OF REDARC.**

# ABOUT REDARC.



REDARC Group (REDARC) is a group of technology-based companies comprising REDARC Corporation, REDARC Electronics, REDARC Defence Systems and Hummingbird Electronics\*.

With a focus on innovation, we design and manufacture advanced, integrated on-board vehicular power solutions for defence, automotive, recreational, mobile living, transport and logistics, marine, medical, mining and industrial applications.

Our business model is based upon innovation, with an unrelenting focus on quality, performance and customer-centric after-sales service.

Our team-based philosophy encourages our staff to be the best they can, ensuring we maintain our leading edge in the research, design, development, manufacture and customer support of market-leading products across multiple sectors.

REDARC Group is fully integrated and shares in-house resources, including our advanced manufacturing and testing facilities in Lonsdale, South Australia. The Group employs more than 250 people, 50 of which are dedicated to engineering design and innovation. Staff are based across Australia, New Zealand, North America and Europe.

REDARC Group takes its proven, patented products into international markets across the globe. Our products provide power to any vehicle that uses a battery.

That's the power of REDARC!

## HISTORY

- REDARC ELECTRONICS ESTABLISHED 1979
- HUMMINGBIRD ELECTRONICS ACQUIRED 2015\*
- REDARC DEFENCE SYSTEMS LAUNCHED 2019
- REDARC CORPORATION FOUNDED 2020
- NEW ZEALAND ENTITY CREATED IN 2021

THE POWER OF  
**REDARC**

**REDARC**  
DEFENCE SYSTEMS

**Hummingbird**  
Electronics

\*Hummingbird Electronics products are currently only available in Australia

# FULLY INTEGRATED ELECTRONIC SOLUTIONS.



REDARC has decades of experience working with OEMs and clients across industry sectors to ensure we are the leaders in product innovation, to better service manufacturers and end users alike.

REDARC provides electronic solutions that improve vehicle safety, productivity, flexibility and reliability.

## OUR CAPABILITIES.

REDARC Group has been designing and manufacturing electronic products for all types of vehicles and applications for over 40 years.

With our formidable engineering department, purpose-built design and manufacturing facility and a hand-picked production team, REDARC has the capability to conceptualize, design, test and manufacture products across the spectrum of vehicular electronic systems.

Our in-house engineering team can customize products to suit any specific requirements.

Our state-of-the-art surface mount technology room allows us to manufacture products in large quantities at the consistent high level of quality for which we have become renowned for.

All REDARC products are tested for electromagnetic compatibility (EMC).

Our testing equipment has been specifically designed to ensure that all of our products meet the standards required by clients who operate in the most demanding environments.

Every REDARC product is tested before it leaves the facility or our warehouse in North Carolina, USA.

## OUR SERVICE.

Our national sales and technical support staff – all qualified auto-electricians or electronics technicians – possess a working knowledge of all REDARC Group products and undergo continual training to offer the best solutions for your requirements.

We frequently engage in independent and collaborative consultation projects with a number of manufacturers. Each project is tailored to exceed client expectations.

## WARRANTY.

The secret to success at REDARC Group is our philosophy: 'The Customer is King'. We are committed to achieving 100% customer satisfaction through continuous improvement. We believe in total customer satisfaction and practice this by offering our customers a two-year, hassle-free replacement warranty and free technical support.

## BATTERY MANAGEMENT SYSTEMS.

Complete battery charging and maintenance solutions.

- Complete battery charging and maintenance solutions
- Six products in one: DC charger, 110 volt AC battery charger, MPPT solar regulator, dual battery isolator, load disconnect controller, remote battery monitor
- 30 amp output
- Charges common lead acid as well as lithium (LiFePO<sub>4</sub>) auxiliary batteries
- Incorporates Green Power Priority to prioritize power from solar
- Compatible with variable and smart alternators



## REVISION VEHICLE MANAGEMENT SYSTEMS.

Full vehicle control and monitoring in one place.

- Robust 4" RedVision display unifies control of Manager30 and Distribution Box products in one user-friendly interface
- Turn devices on and off, including lights, water pump, fridges, electric steps, inverters and any other 12 volt accessories connected to the Distribution Box
- Monitor connected devices including up to six water tank levels, two temperatures, battery state of charge, usage and charging information
- Bluetooth connectivity to REDARC's exclusive RedVision iOS and Android apps



## IN-VEHICLE BATTERY CHARGERS.

Charge auxiliary batteries to a proven 100% state of charge.

- Fully charge and maintain auxiliary batteries and maximize battery life
- Simultaneous DC and solar charging with Green Power Priority
- Compatible with variable/smart alternators
- Charges common lead acid as well as lithium (LiFePO<sub>4</sub>) auxiliary batteries
- Available in 12, 20, 25, 40 and 50 amp models
- Flexible installation in 12 or 24 volt vehicles



## TOW-PRO ELECTRIC TRAILER BRAKE CONTROLLERS.

Two types of braking with the turn of a dial.

- Tow-Pro Elite for 12 and 24 volt systems and Liberty for 12 volt
- Proportional and user-controlled modes available
- Active calibration
- Compact unit means no more knee-knocking
- Dash-mounted remote head for a perfect factory look
- Operates electric and electric-over-hydraulic brakes
- Dexter system approved
- Fault code detection
- Federal Motor Vehicle Safety Standards compliant for head crash impact



## FIXED AND PORTABLE SOLAR.

Keep your auxiliary batteries charged with solar.

- Complete range of solar panel solutions specifically for the RV market
- Lightweight and highly efficient fixed panels make the most of limited vehicle roof capacity
- Range also includes ultra-portable folding panels and blankets for a less permanent solution
- Extensive range of cables and adapters for easy connection
- Range of solar regulators and solar monitors



## PURE SINE WAVE INVERTERS.

Power 110 volt equipment from 12 volt auxiliary batteries.

- Essential for protecting sensitive electronic equipment
- Appliances will run smoothly and more efficiently creating less heat and noise
- Multiple levels of protection including overload, short circuit, over-temperature and load controlled cooling fan
- Five models with 12 volt output from 400 to 3000 watts
- Optional remote on/off switch allows full remote control of the inverter
- Compatible with REDARC RedVision.





# THE POWER OF **REDARC**<sup>®</sup>

[REDARCELECTRONICS.COM](http://REDARCELECTRONICS.COM)

Contact REDARC Technical Support on the numbers below for free technical and product support or send an email to [power@redarcelectronics.com](mailto:power@redarcelectronics.com). A complete list of our distributors can be found at [redarcelectronics.com/distributors](http://redarcelectronics.com/distributors)

#### Local calling numbers

USA +1 (704) 247-5150  
Canada +1 (604) 260 5512  
Mexico +52 (558) 526 2898

#### REDARC Corporation

c/o Shallco, Inc  
308 Components Drive  
Smithfield, NC 27577

#### International head office

23 Brodie Road (North)  
Lonsdale, South Australia  
Australia 5160