

THE POWER OF  
**REDARC**®



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If it moves.  
If it has a battery.  
We can give it the power.



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REDARC Electronics is an advanced manufacturer that designs and provides reliable and fully-integrated portable vehicular power solutions and customer-centric after sales service. We are based in Australia with a European office in Poland.

We're for adventurous spirits; those that like to push boundaries. This often lands them in mission critical situations where things just have to work.

Our unrelenting focus on innovation, along with our dedication to performance and quality is key to our approach to business.

We provide a full design and prototyping capability to meet the needs of our customers. Our state of the art premises provides world-class facilities including surface mount technology, an ISO rated clean room, ESD protected, lean manufacturing processes, advanced testing capabilities, just in time manufacturing and is environmentally oriented.

Our products provide power to any moving vehicle that uses a battery.

We build things tough. To enable people to do things outside of their comfort zone they need peace of mind that their equipment won't let them down.

**That's the power of REDARC!**



## The Manager30 Battery Management System

Complete battery charging and maintenance solution

- Six products in one: DC charger, 220-240 volt AC battery charger, MPPT solar regulator, dual battery isolator, load disconnect controller, remote battery monitor
- 30 amp output
- Lithium (LiFePO<sub>4</sub>) option available in 30 amp model
- Incorporates Green power priority to use solar power first
- Compatible with smart alternators and all battery types



## In-vehicle DC-DC Battery Chargers

Charge auxiliary batteries to a proven 100%

- Fully charge and maintain your auxiliary battery and maximise battery life
- Unique charging profile to charge each specific battery type including AGM, GEL, standard lead acid, calcium and LiFePO<sub>4</sub> batteries
- 9 to 32 volt input with 12 volt output (20, 25, 40 and 50 amp) and 24 volt output (10 or 20 amp) models
- Simultaneous DC and solar charging on some models
- Suits 12 or 24 volt vehicles with standard and variable voltage/smart alternators



## Charge Equalisers

Manage high current 12 volt supply in a 24 volt vehicle

- Keeps 24 volt batteries equally charged when 12 volts are being 'tapped' from the center of a series-connected, two battery system
- High peak current capability
- Fast transient response
- Reduced installation complexity and input isolation
- Available in 25 and 40 amp output current ratings



## Smart Battery Isolators

Charge auxiliary batteries whilst driving

- Cost-effective protection against a flat start battery when charging an auxiliary battery in the engine bay
- Protects your start battery from excessive discharge
- 12 or 24 volt DC incorporating 100 or 200 amp capacities
- Dual-sensing models are available that isolate the start and auxiliary batteries in a system when the auxiliary battery is charged by an external source



## DC Power Supplies

Constant regulated power for all sensitive load requirements

- Provides regulated power for 24 volt or 12 volt loads
- Wide input range (9 volt to 32 volt) with three user-selectable output voltages
- Protects against spikes/surges and incorrect connections
- Works as a voltage booster and reducer



## 52mm Voltage Gauges

Monitor the health of a vehicle at all times

- Ideal for monitoring vehicle battery voltage and current draw
- Personalise your gauge with custom backlight colors
- Save space with multiple functions in one gauge
- Avoid breakdowns and equipment failure

