

New Redarc three stage DC-DC battery charger

Modern, compact SUV-style 4WDs like the RAV4, CRV, X-trail and Forrester cannot easily accommodate an auxiliary battery. You are, therefore, forced to remote-mount them in a caravan or camper trailer.

Voltage drop due to long cable runs often means that the auxiliary battery is not fully charged. Redarc engineers have overcome this problem by designing a three stage DC-DC battery charger (part no. BCDC-1206) ideal for these applications.

The charger operates from an input voltage ranging from 9 to 32V and is able to supply three stages of charge - boost, absorption and float - with a typical current output of up to 6A as shown in the graph (right).

As the input voltage of the BCDC-1206 can be above, below or equal to the output voltage, it's ideal for charging an auxiliary 12V battery where the distance from the main battery may cause a significant voltage drop.

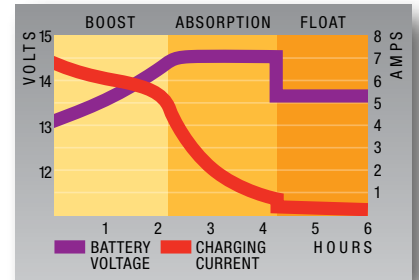
With the wide operating voltage range it provides a simple solution to charging

trailer-mounted batteries from different towing vehicles.

The BCDC-1206 can deliver sufficient current to charge a battery that also has a DC compressor-type fridge connected. We conducted tests where the Redarc BCDC-1206 was able to supply a 3A charge into an auxiliary battery whilst also running an 80 litre Waeco fridge.

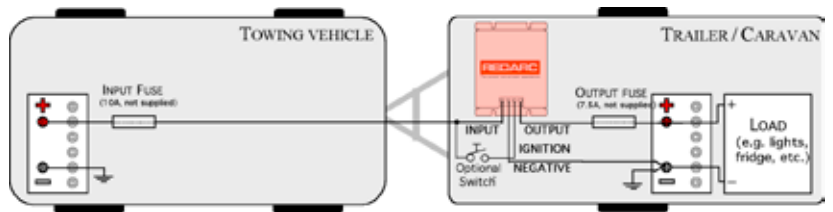
BCDC-1206 features:

- Compact size
- Over-current and short-circuit protection
- Operating temperature range up to 70°C
- Over-temperature protection
- Input under-voltage and over-voltage shutdown
- Output mode LED indicators.



The Redarc BCDC-1206 battery charger is 100% Australian-made, backed by a two year warranty and is available from your Redarc approved distributor.

If you need any further information, please call us on 08 8322 4848 or email power@redarc.com.au.



BUSF200 bus flasher controller add-on module

There has been a change to NSW Government RTA regulations regarding the school bus warning system.

It is now a mandatory requirement to have an "operating tell-tale system".

The requirements apply consistently in all areas across New South Wales.

Redarc has designed a BUSF200 add-on module (part number WWTT4) to address these new ADR rules.

The add-on module will be available for purchase from Redarc in June 2007.

If you have existing stocks of our BUSF200 you can use the add-on module to adapt them to comply with the new regulations.

If you need any further information, please call us on 08 8322 4848 or email power@redarc.com.au.



Here's big news... we're moving

We're delighted to announce we're moving to bigger, better, purpose-built premises on August 20th. See inside for all the details of our exciting new home.



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New home, sweet home.

We are on the move again, with the company's fourth move in the last ten years.

We have enjoyed compounding growth of 20% each year for the last four years and, no matter how well we have planned for our growth, it has always far exceeded our expectations.

We believe our new, purpose-built facility at 23 Brodie Road North, Lonsdale will accommodate us for the next twenty years. It has a number of green features including water capture linked to irrigation.

This new \$5million facility, with the latest state-of-the-art technology, will give us the capacity to further develop our export markets.

We have invested heavily into new lead-free technology that not only benefits the environment but results in higher quality products.

Many of the processes we used to outsource will be brought inhouse, including a fully-automated, inline stencil printer which will allow superior quality control of our printed circuit boards.

A new generation "pick and place" machine allows exceptional placement accuracy of surface mount components up to three microns.

Additionally, we will be using the latest "vapour phase" technology to reflow our printed circuit boards. This efficient, low-energy process has the added advantage of precise temperature control, ensuring that components are not subjected to damaging, high peak temperatures.

We have also procured a selective solder machine that automatically solders through-hole components. Previously this was done by hand.

All these improvements will lead to higher

quality products, making them even more reliable and safer for the environment.

This new investment will make us one of the most advanced, environmentally friendly electronics manufacturers in Australia.

Our mission for the future is "To be a world-class provider of electronic solutions, and continue to build products that are innovative, market driven and a value for money proposition". This new facility will help us achieve this goal.

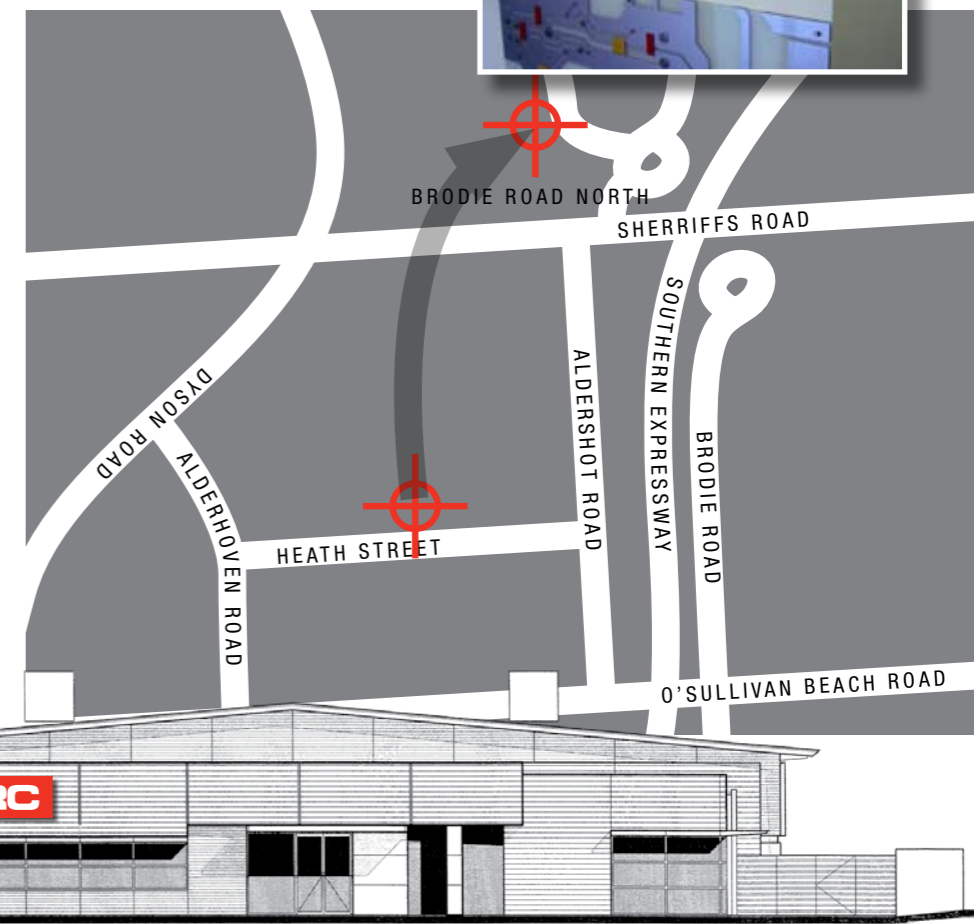
Several years ago we made a conscious decision to be innovators, not imitators. We knew we could not compete with China's mass production abilities. We decided to become smarter in the way we designed for manufacture and reduce the labour content of our products.

The key to our success has been driving this innovation culture within our business.

We now have an exciting new range of products, due for release over the next twelve months. Many of these products are destined for the export markets of North America, the EU and the UK.

Please take a moment to update your records of our new address and phone numbers and, if you are ever down south, please come in and see us. We would be more than happy to show you through our new home!

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Hagans Auto Electrics open new store in Albury

Congratulations to Arthur and Kathy Hagan on opening their new store in Young Street, Albury. Redarc was invited to, and delighted to be able to, attend their very successful opening day on March 30th, 2007.

Arthur Hagan, an auto electrical industry stalwart, did his trade in Wagga Wagga for Andersons Auto Electrical and went into business in partnership with Stuart Crocker in Wagga Wagga in 1960. They were known as Crocker & Hagan.

In 1963 Arthur began Hagan's Auto Electrical in Olive Street, Albury, moving to Young Street around 1973. In 1975 he set up another operation in Lavington. He also set up outlets in 1980 in Wodonga and in Corowa.

Arthur has always been a progressive businessman, understanding the benefits of multiple sites. At his peak he employed approximately 30 staff.

Arthur's daughter, Kathy, became involved in the business in 1991 and now runs the Albury store. Kathy commented that "Redarc's product quality and reliability outshines the cheaper imports. Redarc products just seem to last longer than anything else on the market".

Arthur is slowing down these days, however he still works part-time in the Lavington store. Arthur loves fishing and golf and says he'll never retire, just "poke along".

You can contact the Hagans on 02 6041 4511 or email hagans@westnet.com.au.



G&E Auto Electrics, Alice Springs

G&E Auto Electrics was bought by Chris and Julie Coulthard on April 1st 1999.

At the time, the staff consisted of two auto electricians, two trades assistants and a secretary. The business has tripled productivity since then and now has four auto electricians, one apprentice, one full-time secretary and a casual office clerk.

They perform all aspects of auto electrical repairs, from minor repairs to complete rewires, as well as air-conditioning installations and repairs. Their clients comprise the public, government departments, transport industry, mining industry and tourism.

G&E's modern, fully-equipped workshop also has a waiting area, with refreshments for customers. They provide a drop-off service for customers, vehicles and components.

The business also has two mobile service vehicles, available for emergency onsite repairs 24 hours a day. They carry a comprehensive range of stock, batteries and accessories which enables them to deliver prompt service to customers.

Chris and Julie also are a big part of the off road-racing fraternity in Alice Springs, over the past five years they have raced their Class 2 off-road racer throughout Australia and in local events. In 2004 Chris became Australian champion in his class. They have just completed their new Class 1 vehicle to attack the 2007 rounds.

"G&E Auto Electrics has a high standard of workmanship and Redarc has always provided us with high quality products and great technical support. This has been most invaluable and has enabled us to build a good reputation in our community."

"Not to rest on our laurels, we intend to continue to supply auto electrical work in a professional and courteous manner for many years to come." Mr Coulthard said.



You can visit the G&E website at www.autosparky.com.

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