

REDARC's BCDC Alpha

REDARC has taken innovation to the next level, setting the benchmark for DC to DC charging with the new BCDC Alpha.

REDARC understands that ease of installation is crucial for auto electricians, because of this the BCDC Alpha is designed with a user-friendly pushbutton interface, screw terminals and input current limiting capabilities. This means installers can align their customer's input current limits with their system requirements to provide the ultimate electrical system protection.

Available in both 25A and 50A models, the new BCDC Alpha delivers the cutting-edge charging technology that REDARC is known for in a rugged IP67/69K rated package built to withstand the toughest conditions. Whether they're powering up on the road, on the job or exploring the outback, the BCDC Alpha is built to meet even the toughest customer demands.

With the integration of REDARC's RedVision app, the BCDC Alpha provides your customer's with real-time insight into your their power system. They can stay informed, monitor their battery status and utilise the start battery recovery feature.

The only DC-DC charger that offers start battery charging and recovery, the BCDC Alpha uses excess solar power to maintain your customers' start battery and recover a flat one with a single button press or remotely via the smartphone app. This means your customers will never be stranded on the road with a flat battery and no power.

The BCDC Alpha continues to include REDARC's Green Power Priority feature which prioritises solar power over alternator charge to ensure it's not overdrawing on your customer's alternator.



To make installation easier, the BCDC Alpha launches alongside a range of compatible wiring kits and mounting brackets. These wiring kits come with all the cables, fuses, fuse holders and connectors required to install the BCDC Alpha between the start and secondary battery in a range of locations including side by side in the engine bay, across engine bay, in the middle of the vehicle and in the rear of the vehicle.

The BCDC Alpha comes with REDARC's hallmark toughness. Designed, tested and manufactured in Australia, it's ready to withstand the toughest environments and most extreme conditions. With an IP69/69K rating for dust and moisture protection, it's ready for anything from river crossings to dusty outback trails. When your customers need reliability and performance, the BCDC Alpha is built to outlast and outperform other chargers on the market.

Learn more at redarcelectronics.com/bcdc-alpha.

Cost Of Living Impacting Vehicle Owners' Habits

New research from mycar Tyre & Auto reveals how cost-of-living challenges are reshaping mobility in Australia, with three in five vehicle owners (60 percent) changing their vehicle maintenance habits amid economic pressures and over three-quarters (77 percent) performing some form of car maintenance themselves.



The recently released mycar Mobility Index reveals key insights into the sentiment and outlook of Australian drivers across EVs, vehicle servicing and maintenance, the role of technology in cars and the future outlook for mobility in Australia.

Of the 2,004 car or vehicle owners surveyed, nearly a quarter (24 percent) have extended intervals between regular maintenance services and a fifth (21 percent) have opted for lower-cost maintenance services or repairs when available.

Financial pressures are prompting half (49 percent) of vehicle owners to adjust their insurance coverage, with over one in ten (11 percent) dropping it entirely, and over a quarter (27 percent) opting

for cheaper policies while maintaining some level of coverage. Meanwhile, 14 percent missed or struggled to make a vehicle insurance payment due to the rising cost of living.

Drivers are taking a hands-on approach to vehicle maintenance, with nearly a fifth (17 percent) claiming to handle complex tasks like brake pad replacements or brake system maintenance themselves.

As cost-of-living pressures mount, electric vehicles (EVs) are an increasingly attractive choice with current combustion engine drivers citing the potential cost savings on both fuel (40 percent) and maintenance (32 percent) as key factors for their next car or vehicle purchase. In addition, close to a fifth (18 percent) of Internal Combustion Engine (ICE) drivers would consider switching to an EV due to concerns about their carbon footprint.

Despite a growth in interest, the majority (88 percent) of those surveyed still rely on petrol- or diesel-powered vehicles. Close to half (46 percent) of those ICE owners cite the servicing and maintenance of EVs as one of the major barriers for

entry, alongside the limited range of EVs and limited availability of charging infrastructure (40 percent) and high upfront costs for EV, hybrid or hydrogen vehicles (38 percent).

This perception, however, contrasts with the majority (82 percent) of current EV owners who report high satisfaction with their vehicles' reliability and durability.

Drivers are apprehensive about the integration of emerging technology such as autonomous driving (44 percent), in-car data collection/monitoring for personalised services (36 percent), biometric recognition (26 percent) and virtual assistants such as ChatGPT (24 percent) or Amazon Alexa (26 percent).

This comes as current vehicle interfaces and mobile phones are providing distractions on the road. Around nine in ten vehicle owners (88 percent) claim to have witnessed other drivers being distracted by in-car technology – yet only a quarter (24 percent) admit to being distracted by notifications on their smartphones or by work-related calls, messages or emails on their phone.

To read the full report, follow the link from mycar.com.au