

The days of ignoring your battery are over.

How many of us actually check our battery regularly... let alone do any maintenance?

But it's the first thing we look at when the car won't start!

Checking your battery is as important as checking tyre pressures and oil levels, especially before leaving on long trips.

Checking tyres and oil is easy, but how do you measure if your battery is full?

Most battery chargers will tell you the battery is fully charged, but do you really know if your 80 amp/hour battery has 80 amp/hours of charge in it?

Tests have proven many two or three-stage battery chargers may only charge today's calcium content batteries to as little as 29% – but they still indicate the battery is fully charged! This type of battery charger was not designed to charge today's batteries.

Redarc is the first all-Australian company to develop a method of recharging the batteries used in today's vehicles.

The Redarc SmartCharge is more than a charger... it's a battery-management system with an in-built computer that will charge your battery to 100%.

Whatever the type. Every time.

So, while you still can't ignore your battery, you can rest assured that it won't let you down when the going gets tough.



REDARC

THE POWER CONVERSION SPECIALISTS

The Redarc SmartCharge is the first battery charger that can recharge today's calcium-content batteries to 100% charge.

The SmartCharge not only charges standard lead-acid and calcium batteries but also AGM and gel batteries. Simply select which type of battery you want to charge and Redarc's intelligent microprocessor will do the rest. It not only charges the battery but also conditions and maintains your battery for maximum life span and performance.

Save your money and forget overseas imports... Redarc is a 100% Australian-owned company that has built a solid reputation over the last three decades, not just for high quality products but for solving customer's problems through innovative solutions.

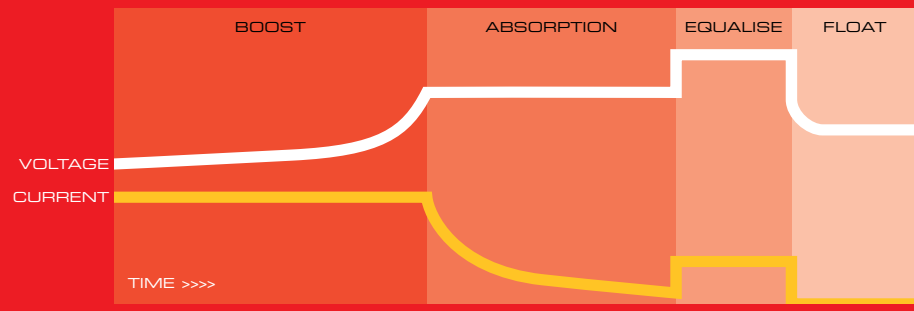


Why four stages are better than three...

The SmartCharge battery management system checks your battery for faults before, during and after the charging process. If it detects a fault it stops the charging process and a warning light indicates the nature of the fault.

If all is fine though, it charges the battery with a four-stage charging process where the output voltage and current are varied, according to the battery type, to ensure that your battery achieves the maximum possible charge.

Because the entire process is monitored by the internal computer there is no fear of overcharging the battery – a common cause of early battery failure or, worse still, possible explosions.



Redarc's SmartCharge charges your battery like no other battery charger on the market today! The microprocessor has three distinctly different charging profiles debunking the myth that one charging profile charges all battery types. Simply press the button until the LED is on the desired battery type; orange for standard lead-acid, blue for calcium-calcium and green for AGM and gel type batteries. Our charging profile for AGM and gel batteries is so similar we have combined them into one easy selection button.

Part No	SBC1205
Type	4 stage charger
Input	240V 50Hz 110W
Output	5000mA max
Charge control	Boost/absorption 14.0V-15.5V Equalise >15.5V Float 13.8V
Minimum voltage required	1.5V
Fault detection	Yes
Approvals	Australian electrical safety, EMC, vibration compliant
100% charging capability	Calcium-calcium, calcium hybrid, standard lead-acid, AGM, deep cycle, gel cell

Benefits

- Prolongs battery life
- Can bring back to life batteries once thought dead
- Detects faults within batteries reducing downtime
- Charges the four main battery types commonly used in today's vehicles
- Will not overcharge your battery, avoiding the very real possibility of an explosion

Features

- Charges lead-acid, calcium-calcium, calcium hybrid, AGM and gel batteries
- Smart-charging capability
- Four-stage charging pattern
- Thermal shutdown
- Battery conditioning
- Short-circuit, overcharge and reverse polarity protection
- Self test on power up
- Battery type selector
- Fault detection
- Robust design and construction
- Australian Safety, EMC and vibration compliant
- 12V 5A or 24V 2.5A versions available
- Compact size - 165x140x60mm
- Weight 1.55kg
- Two year warranty

See the Redarc SmartCharge at your nearest automotive parts dealer



Quality Endorsed Company
GEC23378
ISO 9001:2000

Redarc Electronics

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