Don’t let a flat battery cut your holiday short.

A REDARC 20 Amp In-vehicle Battery Charger will let you stay as long as you want.

REDARC®

Take charge of your auxiliary batteries with the REDARC In-vehicle Battery Charger.

If the distance between your start and auxiliary batteries is significant, the voltage drop across a long cable run can be enough to prevent your auxiliary battery ever reaching a 100% charge.

The REDARC In-vehicle Battery Charger is a three-stage, 12 volt, 20 amp charger that operates from any input voltage between 9 volts and 32 volts DC.

Simply install the In-vehicle Battery Charger as close as possible to your auxiliary battery and forget about any voltage drop along your wiring.

If it’s worth having a second battery, it’s worth protecting it with the REDARC In-vehicle Battery Charger.

Benefits

- Multi-stage charging saves you money by maximising battery life
- Allows for flexible installation in 12 or 24 volt vehicles
- No more flat batteries with the built-in battery isolator
- Compact in size and easy to install
- Suitable for harsh and marine environments

MADE IN AUSTRALIA

AUSTRALIAN DESIGNED · AUSTRALIAN BUILT · TWO YEAR WARRANTY

The REDARC BCDC1220 In-vehicle Battery Charger is designed to charge any commonly used automotive battery to 100%.

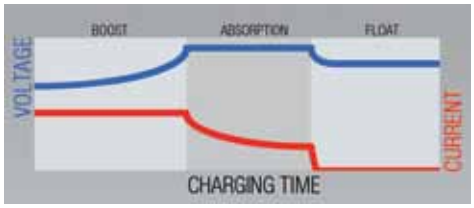
It will boost the low voltage present at the end of a long cable run to a level suitable to charge your auxiliary battery to 100%.

The BCDC1220 has a built-in battery isolator which protects your vehicle's start battery from going flat.

The input voltage of the BCDC1220 can be above, below or equal to the output voltage making it ideal for charging an auxiliary 12V battery from a 12V or 24V system where the distance from the main battery may cause a significant voltage drop.

Multi-stage charging

The BCDC1220 is a three-stage battery charger, those stages being boost, absorption and float.

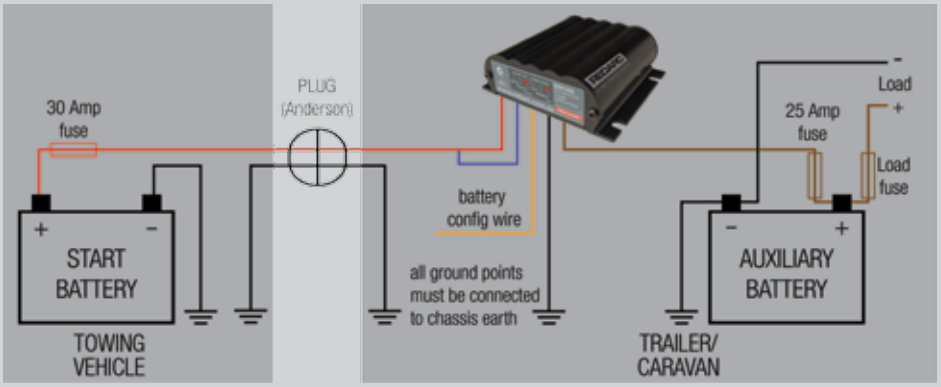


Simply select the battery type at installation to ensure your battery receives the optimal charging profile specific to that battery's chemistry.

The voltage level, current output and time spent in each of the three charging stages is determined by the battery chemistry. By tailoring the stages to the particular battery type, the BCDC1220 is able to achieve 100% charge in your auxiliary battery.

Note: Battery type selections are a guide only. You should select the appropriate charge profile based on the manufacturers data for your auxiliary battery.

BCDC1220 Trailer/Caravan installation



The battery type is set by connecting the orange wire to either ground, positive supply or left unconnected during installation. The BCDC1220 will check the status of this wire on power up and display the selected battery type via the LEDs on the front of the unit.

Battery type orange configuration wire connections

Battery type	Connection
Standard lead acid	Ground
Calcium content	Positive supply
AGM or gel	Leave unconnected

Specifications

Part number	BCDC1220		
DC input voltage range	9V-32V		
Recommended battery type	Gel/AGM	Standard lead acid	Calcium content
Maximum voltage	14.5V	14.9V	15.3V
Float voltage	13.3V	13.3V	13.3V
No load current	<100mA		
Standby current	<5mA		
Input fuse rating	30A (not supplied)		
Output fuse rating	25A (not supplied)		
Maximum output power*	300W		
Ambient temperature	-20°C to +80°C		
Weight	450g		
Dimensions	100mm x 120mm x 37mm		
Standards	C-Tick, AS/NZS CISPR11:2004		
Warranty	2 years		

*Output power is dependent on installation

See the REDARC BCDC1220 In-vehicle Battery Charger at your nearest auto-electrician or 4WD specialty store.

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