

THE POWER OF
REDARC

**BCDC DUAL BATTERY
DC TO DC CHARGERS.**



**CHARGED
AND READY FOR
ADVENTURE.**

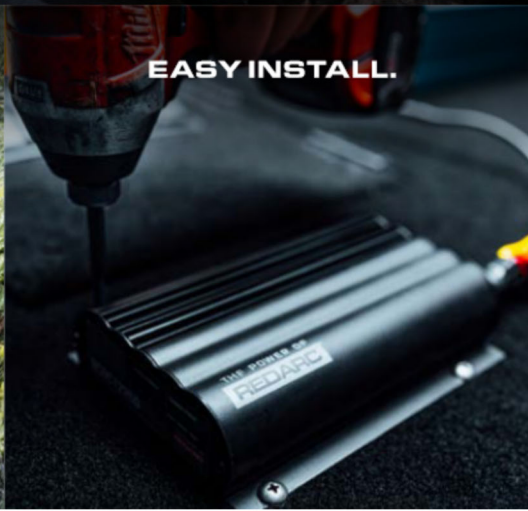
REDARC.COM.AU/BCDC



TORTURE TESTED.



EASY INSTALL.



CHARGES ON THE GO.



BCDC DUAL BATTERY DC TO DC CHARGERS.

Getting a dead battery when you're on-site or off-grid exploring can be frustrating but also dangerous. With some of the most powerful and compact DC to DC battery chargers available, you have peace of mind with REDARC.

ALWAYS CHARGED AND READY TO GO.

REDARC's BCDC DC to DC Battery Chargers charge your auxiliary batteries while you're on the move using your vehicle's alternator. Dual input models can charge from both your vehicle's alternator and solar panels simultaneously. By maintaining your auxiliary battery's charge, the BCDC protects your start battery from excessive discharge, while ensuring optimum performance from electrical equipment such as fridges, lights, CPAP machines, hydraulic pumps and more, when they're powered from a dual battery system.

Compact in size, there is a BCDC to suit every of application, from engine bay to cabin or in a caravan or trailer. They're perfect for both commercial and recreational applications.

THE BCDC DUAL BATTERY CHARGER RANGE.

The extensive range of BCDC DC to DC Battery Chargers are designed and manufactured in Australia for Australian conditions. Regardless of which charger you choose, you'll be assured of the high quality and reliability that comes with every REDARC product.

BCDC CORE DUAL INPUT - VEHICLE AND SOLAR INPUT.

Power up for less with the BCDC Core. Perfect for in-cabin, canopy or battery box installation where dust and waterproofing aren't required. Features lithium compatibility, an MPPT solar regulator and simultaneous DC and solar charging for maximum efficiency.



CORE25
BCDCN1225



CORE40
BCDCN1240



BCDC CLASSIC DUAL INPUT - VEHICLE AND SOLAR INPUT.

With fully-sealed electronics, the BCDC Classic is the only ultra-rugged DC to DC charger. Suitable for engine bay installations, water crossings, desert heat, mud pits and wild weather: You name it, the BCDC Classic can handle it. Features lithium compatibility, an MPPT solar regulator and simultaneous DC and solar charging for max efficiency.



CLASSIC25
BCDC1225D



CLASSIC40
BCDC1240D



CLASSIC50
BCDC1250D

BCDC 24V SINGLE INPUT - VEHICLE OR SOLAR INPUT.

To meet the demands of 24V charging, a range of 24V, 20A chargers are available. The BCDC2420 charges AGM, gel, calcium content, VRLA and lead acid batteries. The LFP2420 and LFP2420-LV are designed to charge lithium batteries. LV models feature a lower voltage setting so they can operate with variable voltage alternators.



BCDC2420



BCDC2420-LV



LFP2420



LFP2420-LV

BCDC SINGLE INPUT - VEHICLE INPUT ONLY.

Our single input DC chargers charge from the alternator only. The BCDC1212T is a 12V, 12A input current limited DC charger designed primarily for liftgate and trailer batteries. BCDC1220 models charge auxiliary batteries while the engine is running. The IGN model is suitable for vehicles with an ECU-controlled, variable voltage alternator.



BCDC1212T



BCDC1220
BCDC1220-IGN

BCDC WIRING KITS - COMING SOON.



Our wiring kits are designed to facilitate easy installation of a BCDC in a variety of battery locations and configurations.

| Kit | BCDC model | Installation type |
|-------------------|------------------------|---------------------------------|
| BCDCWK-001 | BCDC1225D | Engine bay - side by side |
| BCDCWK-002 | BCDC1225D | Engine bay - across the vehicle |
| BCDCWK-003 | BCDC1225D or BCDCN1225 | Vehicle rear |
| BCDCWK-004 | BCDC1240D or BCDC1250D | Engine bay - side by side |
| BCDCWK-005 | BCDC1240D or BCDC1250D | Engine bay - across the vehicle |
| BCDCWK-006 | BCDCN1240 or BCDC1250D | Vehicle rear |

BCDC MOUNTING BRACKETS.

Our vehicle-specific mounting brackets aid engine-bay installations of our BCDC range, allowing installation in the front of the vehicle. They are constructed from 304 stainless steel and designed to fit existing mounting points in the engine bay (not suitable for BCDC Core).

| Bracket | Vehicle suitability |
|-------------------|---|
| BCDCMB-001 | Suitable for Toyota Landcruiser 200 (11/2008 onwards) |
| BCDCMB-002 | Suitable for Toyota Landcruiser 70 (3/2007 onwards) |
| BCDCMB-003 | Suitable for Toyota Landcruiser Prado 150 (10/2009 onwards) |
| BCDCMB-004 | Suitable for Toyota Hilux (3/2005-9/2015) |
| BCDCMB-005 | Suitable for Toyota Hilux (10/2015 onwards) |
| BCDCMB-006 | Suitable for Isuzu D-MAX (6/2012 - MY19) and Holden Colorado RG (10/2015 onwards) |
| BCDCMB-007 | Universal Mounting Kit |
| BCDCMB-008 | Suitable for Toyota Landcruiser 100, J100 Series (1998-2007), J105 Series (1998-2007) |
| BCDCMB-009 | Mitsubishi Triton MR Diesel & Pajero QE/QF (2019 onwards) |
| BCDCMB-010 | Nissan Patrol Y61 GU Series 4-9 Diesel (01/2005-04/2016) |

BCDC ACCESSORIES.

RELAY KIT RK1260.

Required for 2420 model chargers

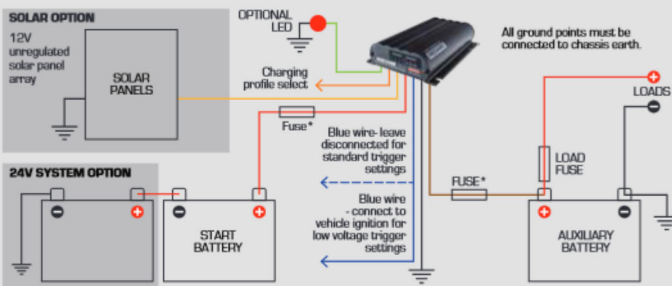


FUSE KITS.

FK40, FK60 and FK100

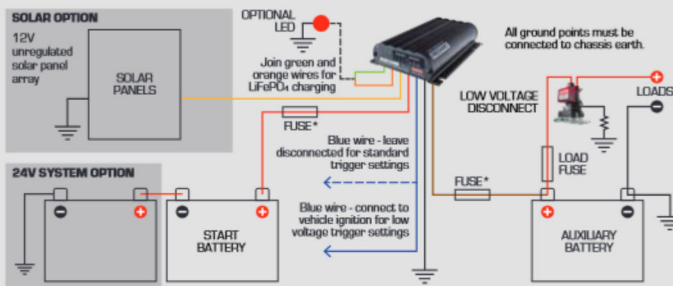


BCDC CORE & BCDC CLASSIC DUAL INPUT TYPICAL SETUP



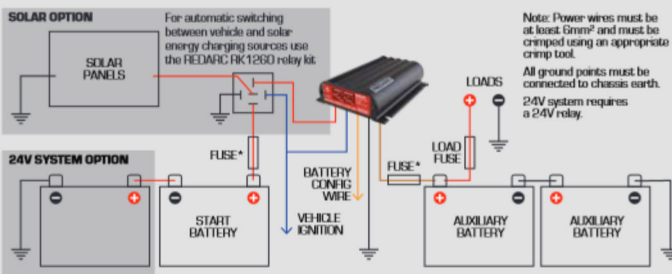
*Recommended fuses - FK40 (BCDC1225D) or FK60 (BCDC1240D & BCDC1250D)

BCDC CORE & BCDC CLASSIC DUAL INPUT LITHIUM BATTERY SETUP



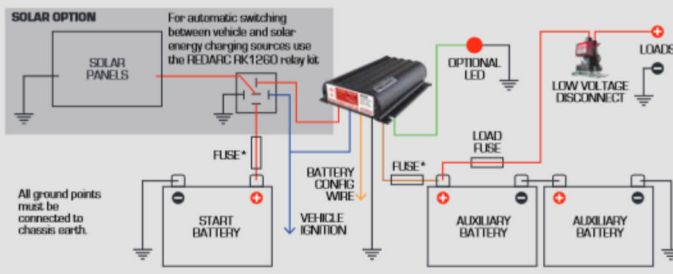
*Recommended fuses - FK40 (BCDC1225D) or FK60 (BCDC1240D & BCDC1250D)

BCDC2420 AND BCDC2420-LV TYPICAL SETUP



*Recommended fuses - FK40 (24V systems) or FK60 (12V systems)

LFP2420 AND LFP2420-LV TYPICAL SETUP



*Recommended fuses - FK60 (LFP2420 & LFP2420-LV)

| | BCDC1212T | BCDC1220 BCDC1220+GN | CORE25 BCDCN1225 | CLASSIC25 BCDC1225D | CORE40 BCDCN1240 | CLASSIC40 BCDC1240D | CLASSIC50 BCDC1250D | BCDC2420 BCDC2420-LV | LFP2420 LFP2420-LV |
|-------------------------|--------------------------|---------------------------------------|-----------------------------------|--------------------------------------|-----------------------------------|--------------------------------------|--------------------------------------|---------------------------------------|-------------------------------------|
| Input voltage range | 9 - 32V | 9 - 32V | 9 - 32V | 9 - 32V | 9 - 32V | 9 - 32V | 9 - 32V | 9 - 32V | 9 - 32V |
| Solar range | N/A | N/A | 9 - 32V | 9 - 32V | 9 - 32V | 9 - 32V | 9 - 32V | 9 - 32V | 9 - 32V |
| Solar switch on voltage | N/A | N/A | 9V | 9V | 9V | 9V | 9V | 17.5V | 17.5V |
| Output power | 147W (12V) 294W (24V) | 300W | 375W | 375W | 600W | 600W | 750W | 600W | 600W |
| Output current | 11A (12V) 20A (24V) | 20A | 25A | 25A | 40A | 40A | 50A | 20A | 20A |
| No load current | <100mA | <100mA | <100mA | <100mA | <100mA | <100mA | <100mA | <100mA | <100mA |
| Standby current | <8mA | <5mA | <8mA | <8mA | <8mA | <8mA | <8mA | <8mA | <8mA |
| Recommended input fuse | 15-23A | 40A | 40A | 40A | 60A | 60A | 60A | 60A | 60A |
| Recommended output fuse | 30A | 40A | 40A | 40A | 60A | 60A | 60A | 30A | 30A |
| MPPT solar regulator | No | No | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Operating temperature | -15°C to +80°C | -20°C to +80°C | -10°C to +80°C | -10°C to +80°C | -10°C to +80°C | -10°C to +80°C | -10°C to +80°C | -20°C to +80°C | -20°C to +80°C |
| Dimensions (D x W x H) | 165 x 120 x 37mm | 100 x 120 x 37mm | 165 x 120 x 37mm | 165 x 120 x 37mm | 165 x 120 x 37mm | 165 x 120 x 37mm | 165 x 120 x 37mm | 165 x 120 x 37mm | 165 x 120 x 37mm |
| Weight | 850g | 450g | 1kg | 1kg | 1kg | 1kg | 1kg | 680g | 680g |
| Warranty | Two years | Two years | Two years | Two years | Two years | Two years | Two years | Two years | Two years |

For more information scan the QR code or visit the website...



For help choosing the best dual battery setup use the free **REDARC DUAL BATTERY SYSTEM SELECTOR**
Visit redarc.com.au/dual-battery-selector



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